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beautiful interiors begin with
fine floors by Congoleum-Nairn

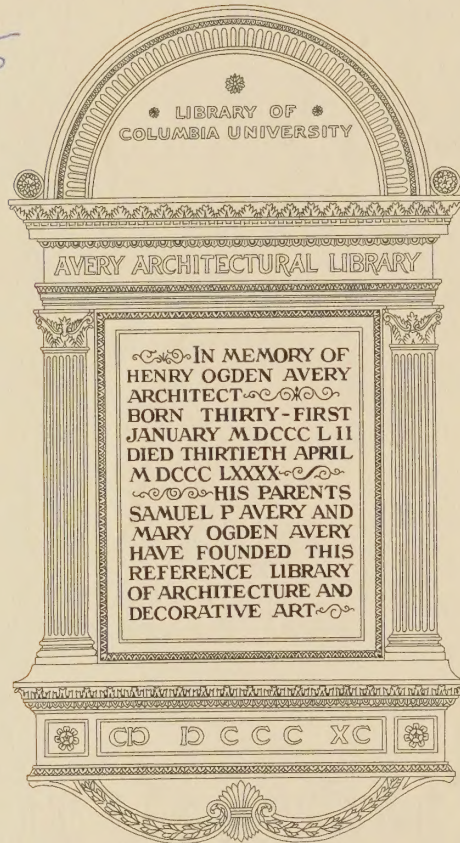
1963

FLOORING SPECIFICATION MANUAL

CONGOLEUM-NAIRN
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AT
2755
C76
1963

CLASSICS



CONGOLEUM-NAIRN

beautiful interiors begin with
fine floors by Congoleum-Nairn **1963**

FLOORING SPECIFICATION MANUAL

The terms "Americana", "BC", "Casualaire", "Congoflor", "Congoleum", "Congo-wall", "Contempora", "Cosmopolitan", "Custombilt", "Duplex", "Forecast", "Gala", "Gold Seal", "Nairn", "Parfait", "Saracen", "Sparklewood", "Tangier", "Texflor", "Ultima", "Veltone", "Venetian", "Westernaire" and "Wonderflor" are all registered trade-marks of Congoleum-Nairn Inc. Among the other famous Congoleum-Nairn trade-marks used in this book are "Accent", "Commercial Spec", "Cushionflor", "Esteem", "Fashionaire", "Flagstone", "Marbelesque", "Marbletex", "Modernaire", "Monterrey", "Mosaic", "Static Conductive", "Viking", "Vinylbest" and "Wood Hues".

All pattern illustrations in this book are reproduced as faithfully as fine color engraving and printing will permit.

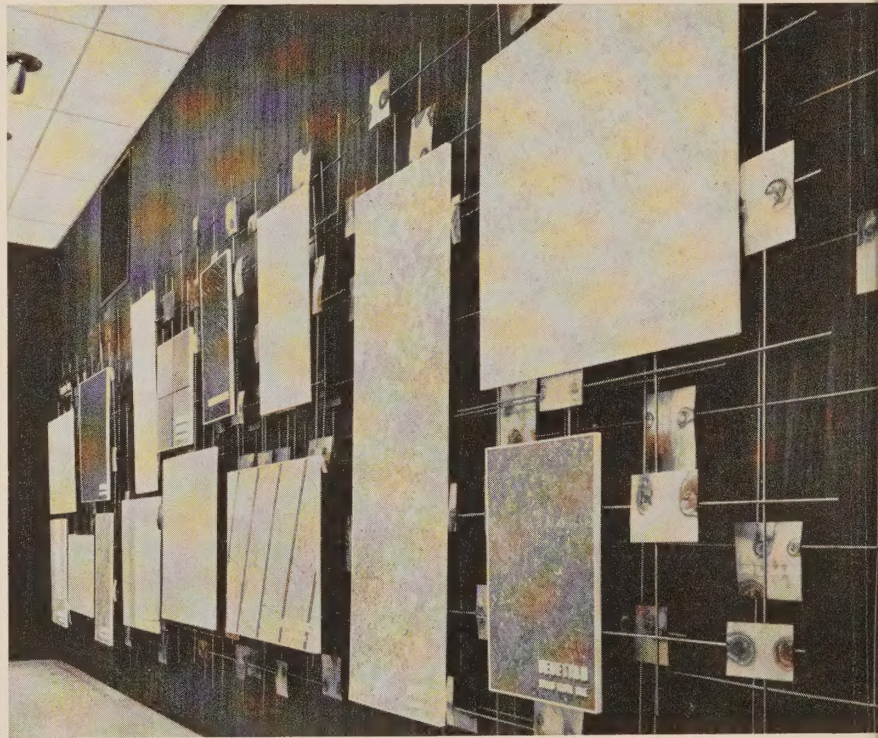
People who live in Glass Houses . . .

. . . want other people to look in! And we at Congoleum-Nairn are very proud of everything



inside our new, glamorous, glass-enclosed Style Center. Located on the arcade of one of New York's most famous modern buildings, our Style Center is visited by fashion-conscious people who want the latest in floor covering for everything from a one-room city apartment to a large contract installation.

Our visitors come to discuss with our experts new ideas in smooth flooring, carpeting (Loomweve Corporation is a subsidiary of ours), and wall covering, and to see the latest in interior design as illustrated in our well-known room vignettes. We hope that you will visit



our modern showrooms in New York, Dallas, Chicago, San Francisco, and Atlanta. But in case you cannot be with us to talk about your own personal flooring needs, we would like to show you on the following pages our beautiful rooms and designs, and hope we can give you some ideas on updating your interiors.



Sumptuously, modern Embossed Wood-Hue Vinyl perfectly recreates the look and feel of natural wood in both walls and floors. The design is taken from an editorial feature of *BETTER HOMES & GARDENS*.

Every room a pleasure to walk in . . .

. . . and a pleasure to live in. Up-to-date fashion demands clear design and easy maintenance, both characteristic of performance-proven vinyl and linoleum in exciting contemporary patterns.



Graceful Parfait Solid Vinyl tile is custom-cut to please a personal preference for hexagonals.

Individuality in fashion

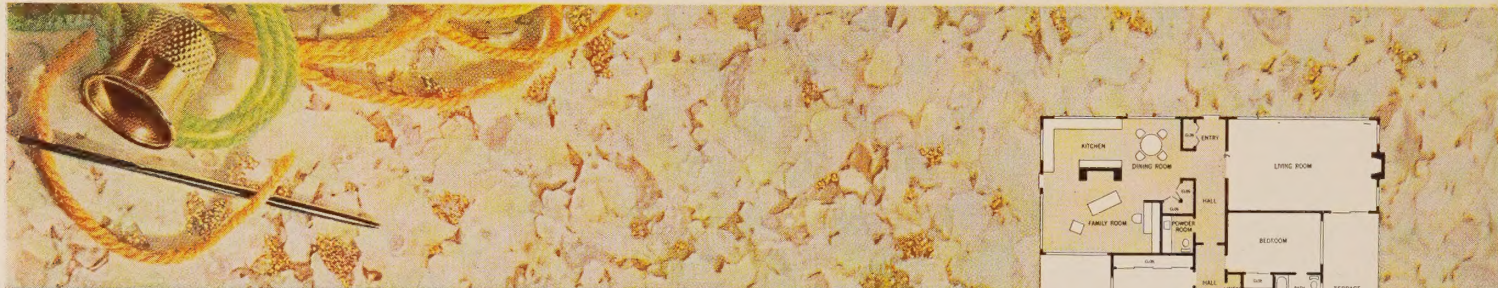
Your personality is shown in every part of your decor,
down to your imaginative, unique floors.

She shall have beauty wherever she goes . . .

*. . . and her fashion sense makes her home wonderful to visit,
and even better to live in.*

*Translucent, sparkling Saracen Inlaid Vinyl "coved" up the kitchen walls, as seen
in our New York showroom vignette. The ultimate in glamor and practicality.*



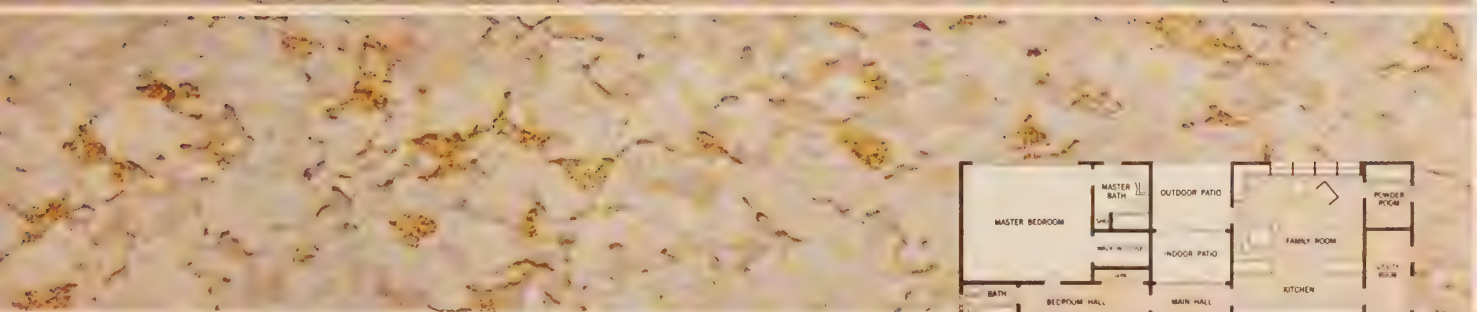


Floor plan shows one easy-to-clean area

How to make space and time:

STEP ONE: Make a study of the normal flow of traffic in your home. Which is the "living area"? (Maybe the floor plans on these two pages will help.) Decide if you would like to make it easier to keep clean and more airy-looking. (This should be a very easy decision!)

STEP TWO: Consult your Congoleum-Nairn dealer. He will explain to you our SPACEMAKER formula: an area completely covered with seamless-as-broadloom vinyl in one pattern = a larger-looking area + makes cleaning easier. (For really easy cleaning, we suggest curv-



Floor plan shows one easy-to-keep-clean area

ing the vinyl up the wall — called “coving”. Besides giving a custom look to your living area, “coving” eliminates floor-wall corners where dust can accumulate). Your dealer will help you choose a pattern to enhance the beauty of your home, and will make installation arrangements.

STEP THREE: Enjoy the spacious look you have created and the extra time you have saved by installing SPACEMAKER inlaid vinyl floors.



New Westernaire—distinctive inlaid vinyl floor pattern created for the new one-area look!

This new beauty in decorator vinyl comes in Congoleum-Nairn's new "Spacemaker" width! It's seamless as broadloom as it runs wall to wall in one beautiful unbroken expanse. Makes rooms seem bigger, airier—and cleaning so much easier!

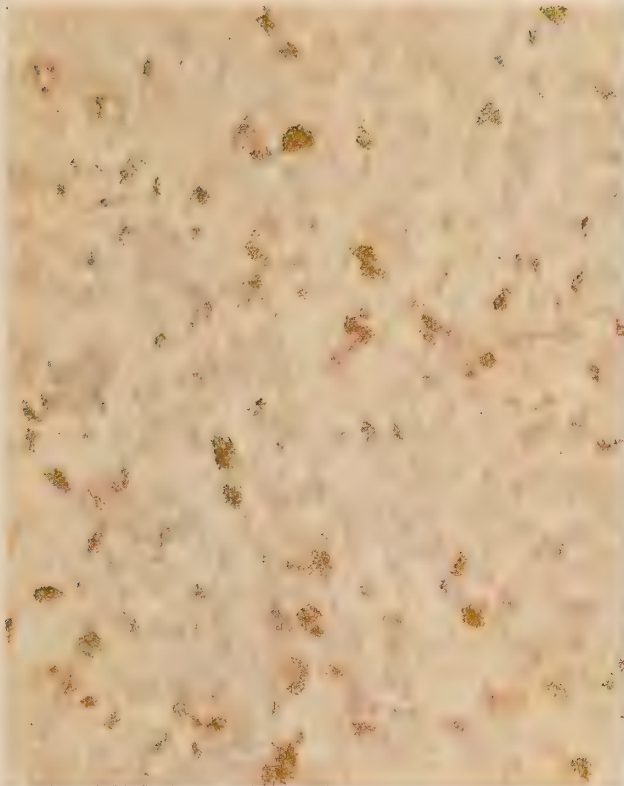


Floor plan shows one easy-to-keep-clean area

CONGOLEUM-NAIRN INLAID VINYL

Saracen, Cosmopolitan, Americana, Westernaire, Fashionaire, Marbelesque, and Casualeire — The finest in wall-to-wall, luxurious Inlaid Vinyl in seamless-as-broadloom widths. Each pattern is created to enhance a Spacemaker area with its particular combination of design elements, inlaid into a rugged wear surface of a proven vinyl formula. All are equally resistant to spills, scratches, and stains, and clean instantly and almost without effort.

Congoleum-Nairn's "Spacemaker" vinyls are designed to push back the walls. They flow from wall to wall, seamless as broadloom . . . through one room to another in unbroken six-foot widths . . . and can even cove up the wall to replace baseboards.



ivory white w/white pearl, gold & silver

6 ft. wide **7200**



crystal white w/white, gray & turquoise pearl,
gold & silver

6 ft. wide **7201**



opaline pink, white & peach pearl, gold & silver

6 ft. wide **7202**



champagne beige w/white pearl, gold & silver

6 ft. wide **7203**

SARACEN INLAID VINYL



peacock blue, white pearl, gold & silver

6 ft. wide **7204**



tanagra beige, w/beige pearl, gold & silver

6 ft. wide **7205**



aqua green, turquoise & white pearl, gold & silver

6 ft. wide **7206**



white w/beige

6 ft. wide **7207**

SARACEN INLAID VINYL



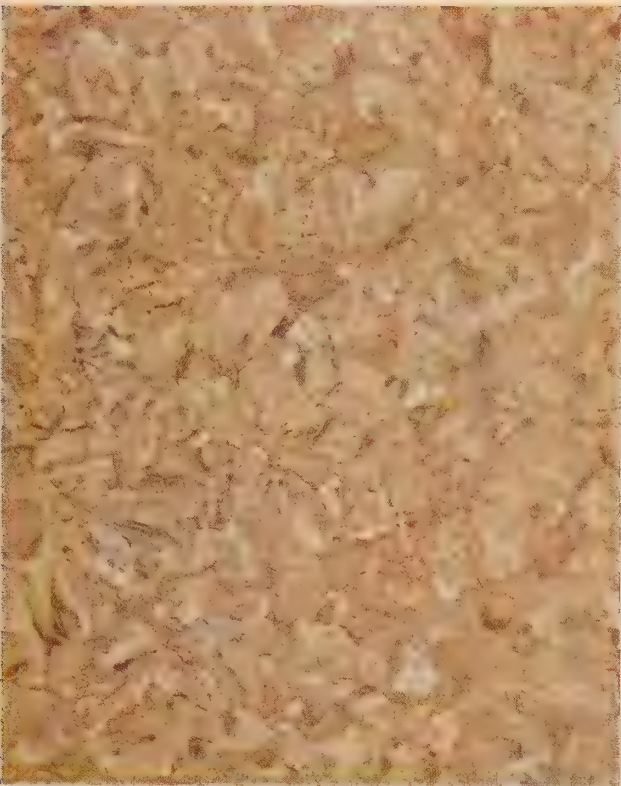
brown

6 ft. wide **7208**



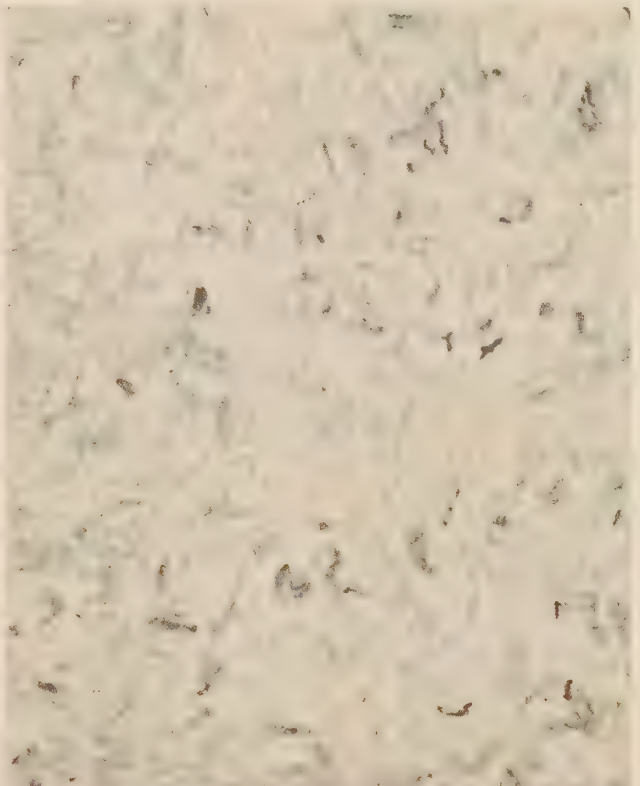
green

6 ft. wide **7209**



sand beige

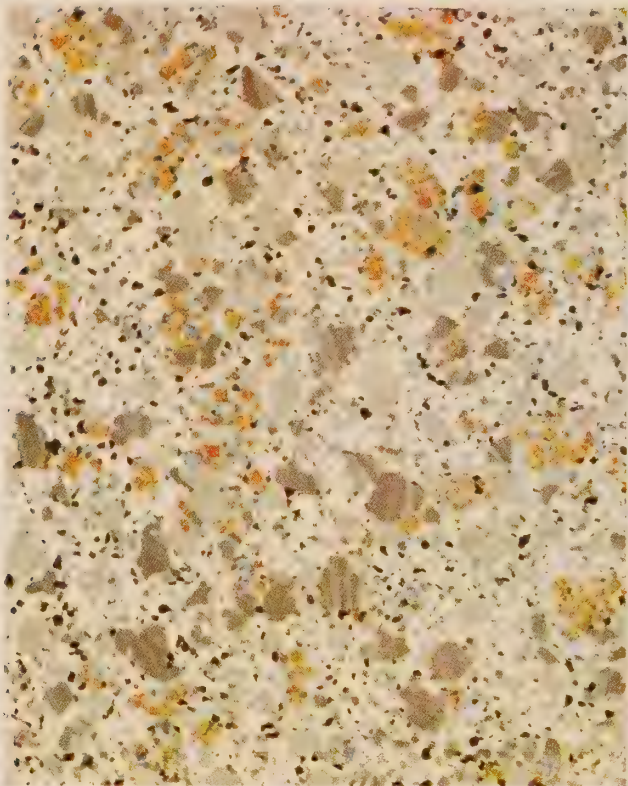
6 ft. wide **7210**



white w/black

6 ft. wide **7211**

COSMOPOLITAN INLAID VINYL



eggshell w/gold, silver & copper metallic chips 6 ft. wide **6200**



pearl, w/greige, gold, silver & copper metallic chips 6 ft. wide **6206**



beige glow, w/gold, silver & copper metallic chips 6 ft. wide **6210**



white w/beige, green pearl & gold metallic 6 ft. wide **6215**

COSMOPOLITAN INLAID VINYL



white w/green & blue pearl & gold metallic

6 ft. wide **6217**



white & gold pearl w/gold &
silver metallic chips

6 ft. wide **6218**



white, green, blue & lilac pearl w/gold &
silver metallic chips

6 ft. wide **6219**

COSMOPOLITAN INLAID VINYL



beige 6 ft. wide **6220**



green 6 ft. wide **6221**



lavender 6 ft. wide **6222**

MARBELESQUE INLAID VINYL



corinthian white

6031



lombardy turquoise

6033



florentine sand

6035



romany gray

6037

MARBELESQUE INLAID VINYL



cambrian beige

6038



caprician yellow

6039

FASHIONAIRE INLAID VINYL



white w/beige & silver metallic
encased in white pearl

6 ft. wide **6020**



beige on beige & silver metallic
encased in white pearl

6 ft. wide **6021**



white w/beige, pink & silver metallic
encased in pink pearl

6 ft. wide **6022**



white on white w/silver metallic
encased in white pearl

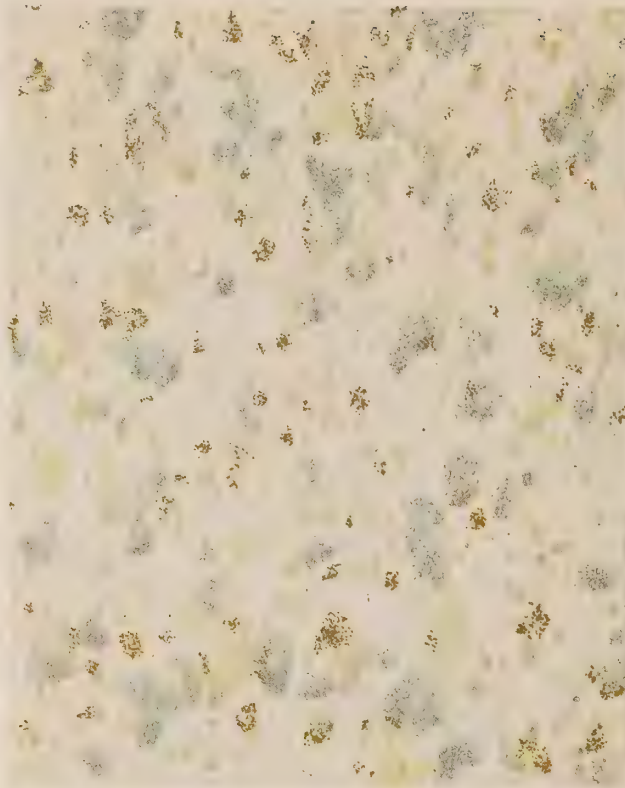
6 ft. wide **6023**

FASHIONAIRE & AMERICANA INLAID VINYL



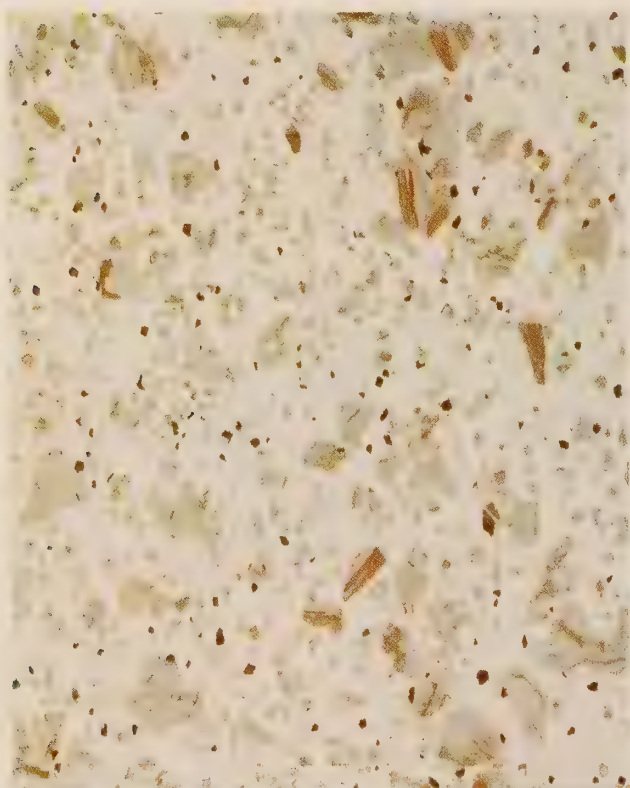
sand on sand w/silver metallic
encased in blond pearl

6 ft. wide **6024**



white, beige, green & turquoise w/silver
metallic encased in turquoise pearl

6 ft. wide **6025**



Monterey

6 ft. wide **2500**



Nantucket

6 ft. wide **2501**

AMERICANA INLAID VINYL



Williamsburg

6 ft. wide **2502**



Key West

6 ft. wide **2503**



Concord

6 ft. wide **2504**



West Hampton

6 ft. wide **2505**

AMERICANA & WESTERNAIRE INLAID VINYL



Hyannis Port

6 ft. wide **2511**



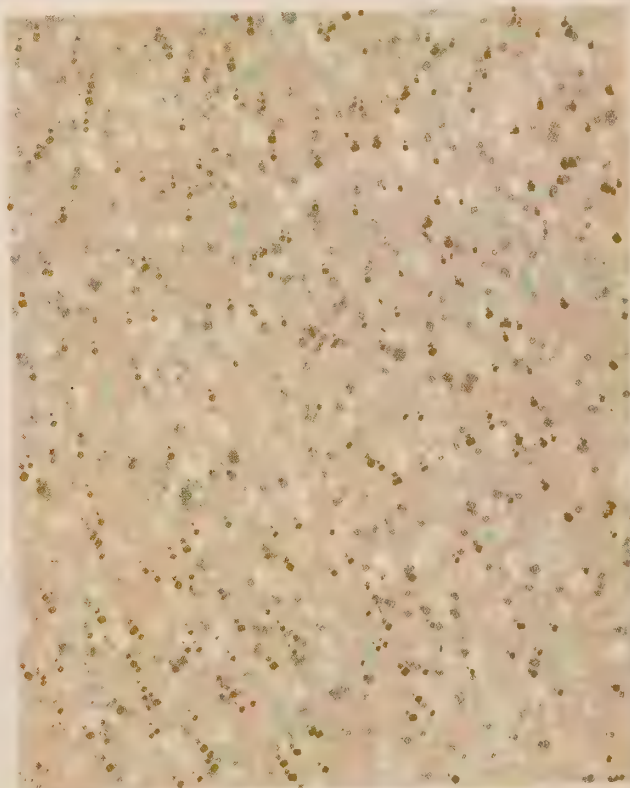
Greentree

6 ft. wide **2512**



Westbury

6 ft. wide **2513**



Tahoe

6 ft. wide **2525**

WESTERNAIRE INLAID VINYL



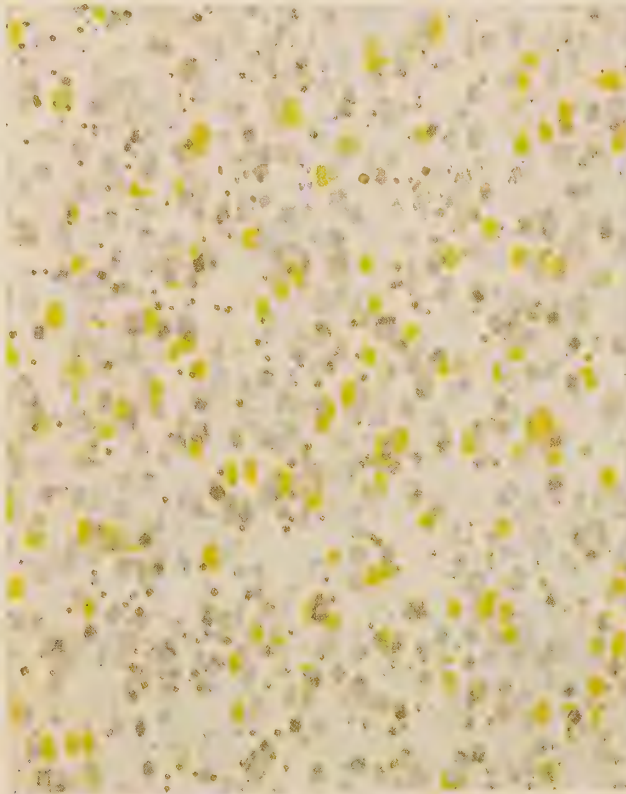
Catalina 6 ft. wide 2526



Pueblo 6 ft. wide 2527

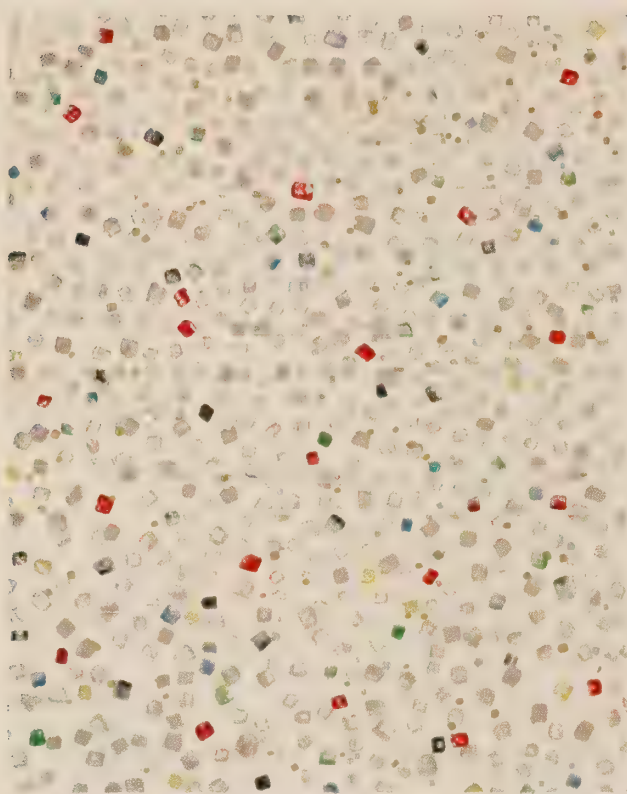


Sequoia 6 ft. wide 2528



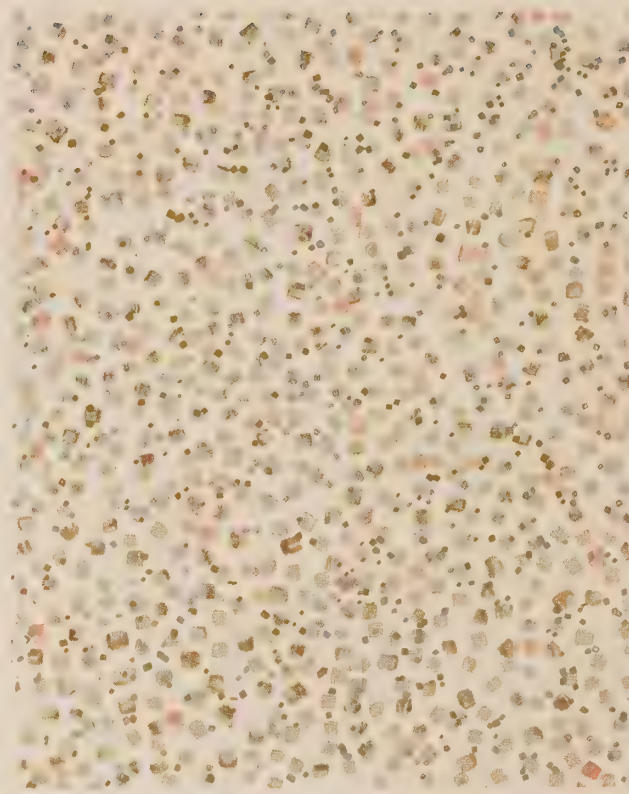
Yellowstone 6 ft. wide 2529

WESTERNAIRE INLAID VINYL



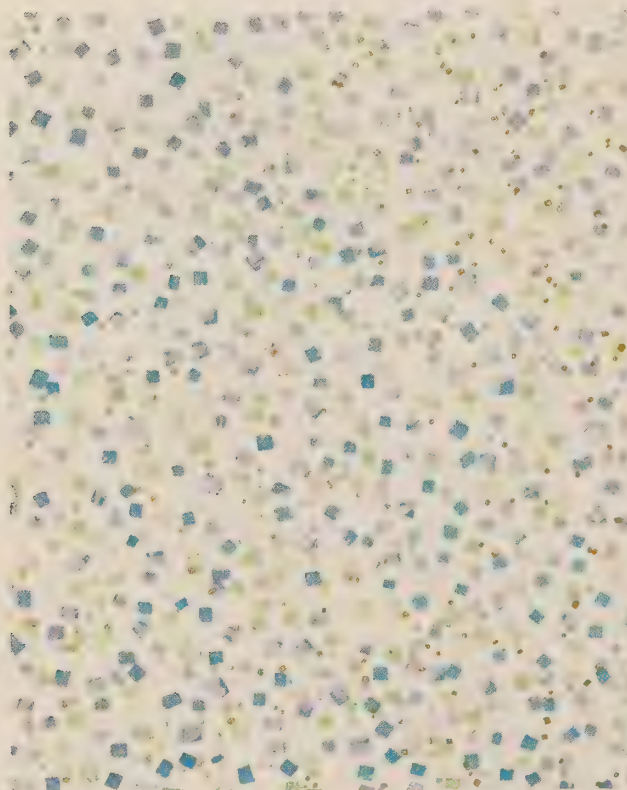
MOJAVE

6 ft. wide **2531**



YOSEMITE

6 ft. wide **2533**



CHEYENNE

6 ft. wide **2534**



RIVERSIDE •

6 ft. wide **2535**



sparkling, high-styled, Westnaire Inlaid Vinyl gives virtually seamless luxury.

WESTERNAIRE & CASUALAIRE INLAID VINYL



MARIN •

6 ft. wide

2536



BEVERLY HILLS •

6 ft. wide

2537



Wick Park

6 ft. wide **2550**



Blackridge

6 ft. wide **2551**

CASUALAIRE INLAID VINYL



North Hills

6 ft. wide **2552**



Westmont

6 ft. wide **2553**



Sun City

6 ft. wide **2554**



Forest Ridge

6 ft. wide **2555**



CONGOLEUM-NAIRN INLAID LINOLEUM

Combining our experience as the oldest manufacturer of linoleum in America with the latest color and design trends, the results give forth a quality product unsurpassed in the home furnishings field. New effects are constantly being introduced, such as the Texflor series of *Tangier* and *Monterrey*. Fresh colors combined with gleaming metallics as seen in *Ultima Inlaid Linoleum* offer a wide choice in decorating possibilities. Economy plus distinction are offered in our *Accent* design group. All of these patterns offer the best in beauty, durability, ease of maintenance, and are available in 6' "Spacemaker" widths.

Congoleum-Nairn also offers two distinct $\frac{1}{8}$ " gauge inlaid linoleum patterns for commercial use. *Veltone* for the traditional marble pattern, and new *Viking* in a distinctive over-all chip design. Both of these outstanding designs are burlap backed for ease in handling and will offer outstanding resistance to stains and soiling . . . and exceptional long-lasting service.

MONTERREY INLAID LINOLEUM

LINOLEUM



white w/beige, pink and turquoise

6 ft. wide, std. gauge **1880**



beige and copper

6 ft. wide, std. gauge **1881**



white with greige

6 ft. wide, std. gauge **1882**



olive green

6 ft. wide, std. gauge **1883**

MONTERREY INLAID LINOLEUM



sand and brown

6 ft. wide, std. gauge **1884**



white with beige

6 ft. wide, std. gauge **1885**



medium beige

6 ft. wide, std. gauge **1886**



light olive w/copper & yellow

6 ft. wide, std. gauge **1887**

MONTERREY & TANGIER INLAID LINOLEUM



taupe w/green, turquoise & blue

6 ft. wide, std. gauge **1888**



light sand

6 ft. wide std. gauge **1860**



woody tan

6 ft. wide std. gauge **1862**



mist green

6 ft. wide std. gauge **1863**

TANGIER INLAID LINOLEUM



beige w/pink & turquoise

6 ft. wide std. gauge

1865



blond monochromatic

6 ft. wide std. gauge

1866



white w/gold metallic

std. gauge 6 ft. wide

1868



terra cotta red

std. gauge 6 ft. wide

1869

TANGIER & ULTIMA INLAID LINOLEUM



sand beige w/yellow, copper & brown

6 ft. wide, std. gauge **1870**



6 ft. wide std. gauge **1803**

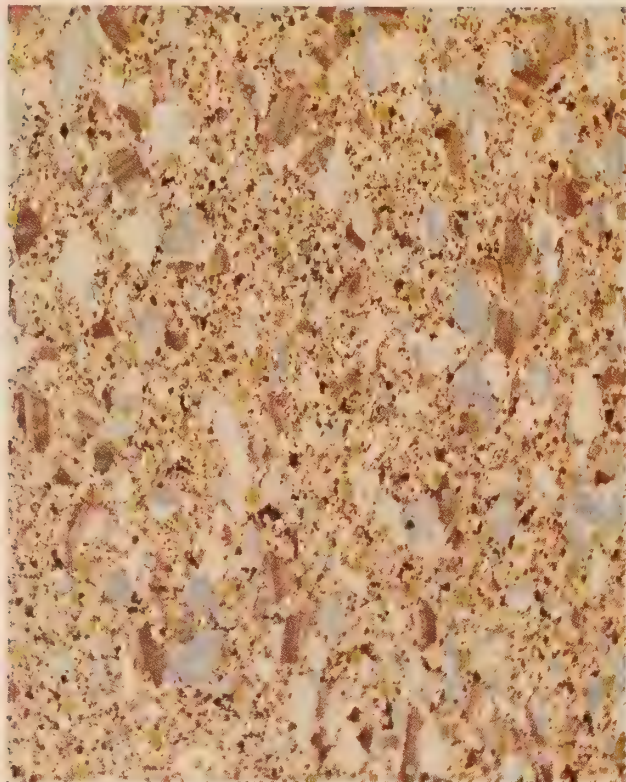


6 ft. wide std. gauge **1804**



6 ft. wide std. gauge **1805**

ULTIMA INLAID LINOLEUM



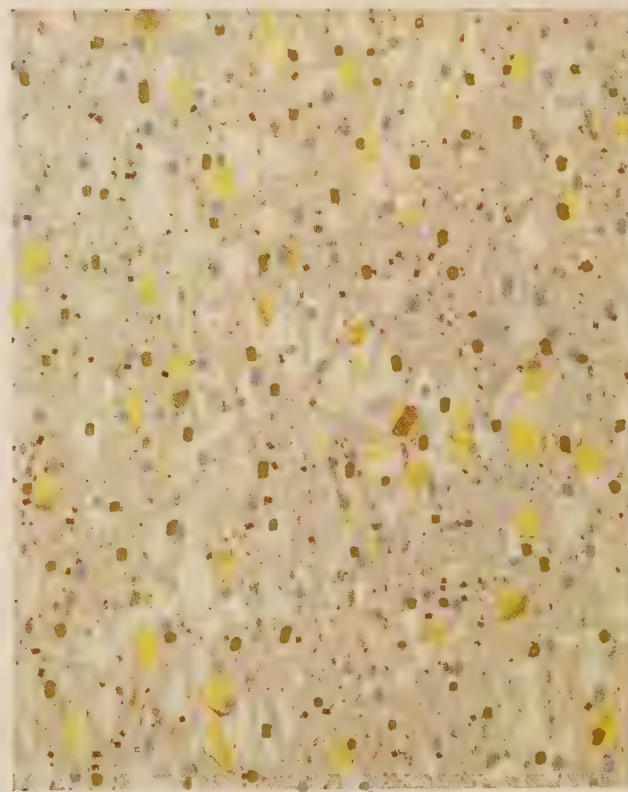
6 ft. wide std. gauge **1810**



6 ft. wide std. gauge **1811**



6 ft. wide std. gauge **1812**



6 ft. wide std. gauge **1813**

ACCENT INLAID LINOLEUM



6 ft. wide std. gauge **1830**

Lt. gauge **1330**



6 ft. wide std. gauge **1831**

Lt. gauge **1331**



6 ft. wide std. gauge **1832**

Lt. gauge **1332**



6 ft. wide std. gauge **1833**

Lt. gauge **1333**

ACCENT INLAID LINOLEUM



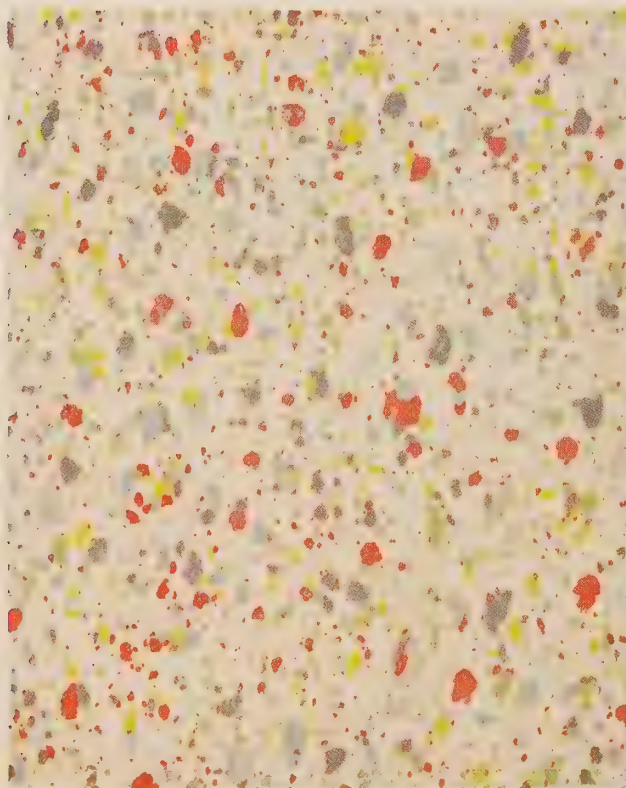
6 ft. wide std. gauge **1834**

Lt. gauge **1334**



6 ft. wide std. gauge **1835**

Lt. gauge **1335**



6 ft. wide std. gauge **1836**



6 ft. wide std. gauge **1837**

VIKING INLAID LINOLEUM



6 ft. wide $\frac{1}{8}$ " gauge **1100**



6 ft. wide $\frac{1}{8}$ " gauge **1101**



6 ft. wide $\frac{1}{8}$ " gauge **1102**



6 ft. wide $\frac{1}{8}$ " gauge **1103**

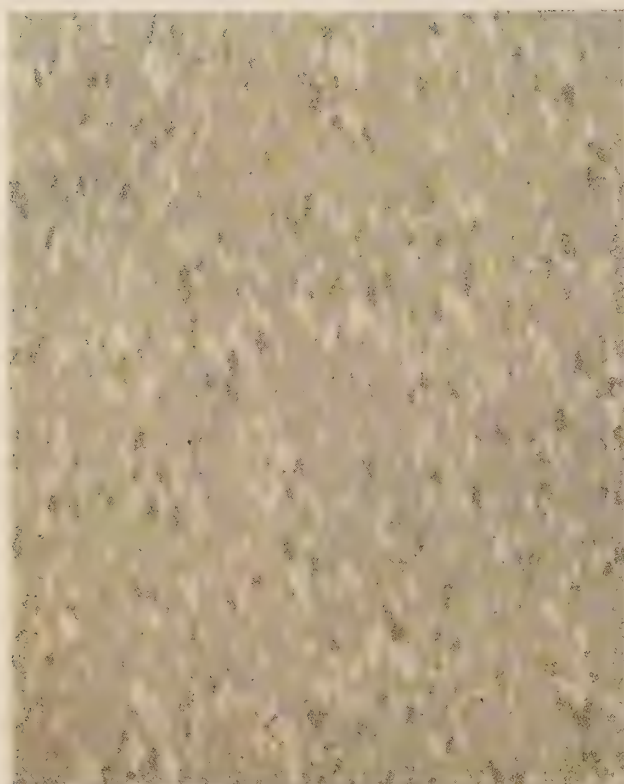
VIKING INLAID LINOLEUM



6 ft. wide $\frac{1}{8}$ " gauge **1104**



6 ft. wide $\frac{1}{8}$ " gauge **1105**



6 ft. wide $\frac{1}{8}$ " gauge **1106**



6 ft. wide $\frac{1}{8}$ " gauge **1107**

Viking Inlaid Linoleum is a new design in floor covering made specially for commercial use. It is the ideal floor for hospitals, schools, offices or other areas where a minimum of dirt catching seams is desirable. The soft muted colors blend perfectly with today's modern interiors.



VELTONE INLAID LINOLEUM



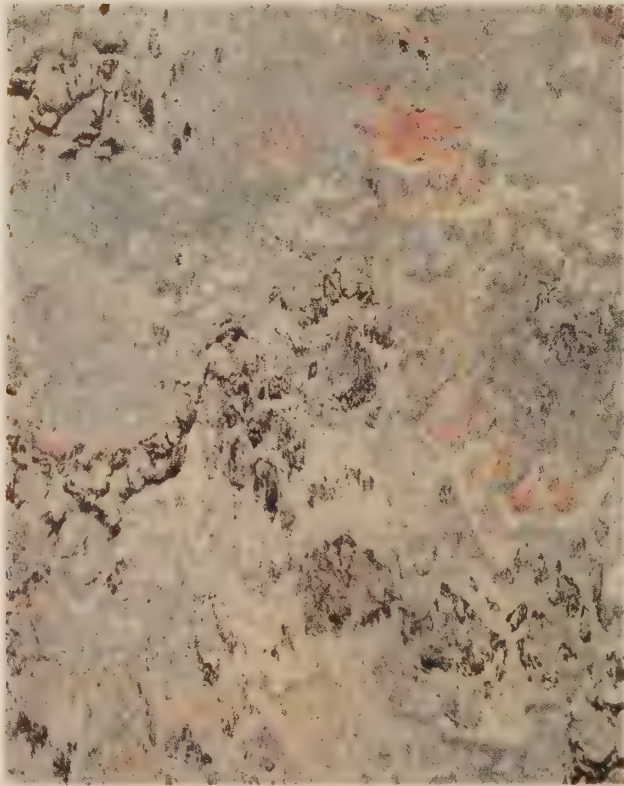
6 ft. wide 1/8" gauge **V900**



6 ft. wide 1/8" gauge **V914**

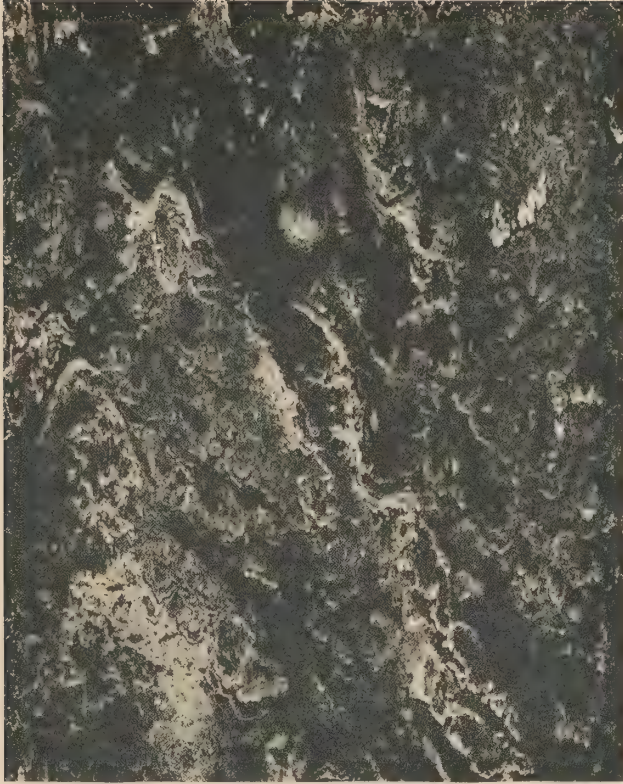


6 ft. wide 1/8" gauge **V927**



6 ft. wide 1/8" gauge **V943**

VELTONE INLAID LINOLEUM



6 ft. wide $\frac{1}{8}$ " gauge **V959**



6 ft. wide $\frac{1}{8}$ " gauge **V974**



6 ft. wide $\frac{1}{8}$ " gauge **V980**



6 ft. wide $\frac{1}{8}$ " gauge **V999**

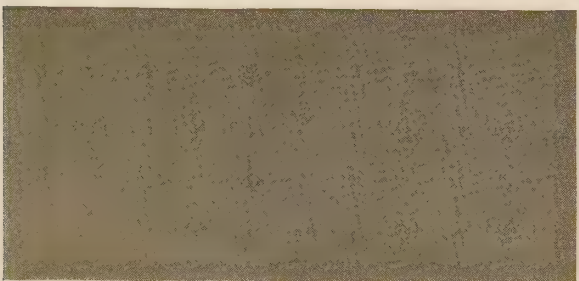
BATTLESHIP LINOLEUM



BATTLESHIP • brown $\frac{1}{8}$ " gauge **1000**



BATTLESHIP • green $\frac{1}{8}$ " gauge **1001**



BATTLESHIP • grey $\frac{1}{8}$ " gauge **1003**



BATTLESHIP • terra cotta $\frac{1}{8}$ " gauge **1002**



BATTLESHIP • black $\frac{1}{8}$ " gauge **1005**

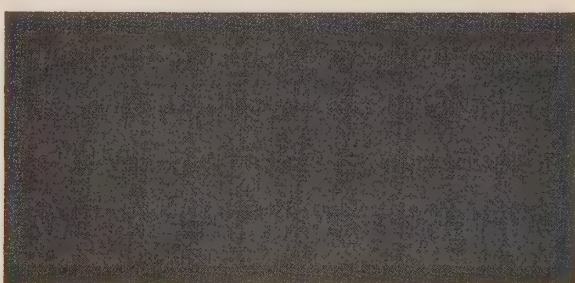
WIDTH: 6 feet

std. gauge **1605**

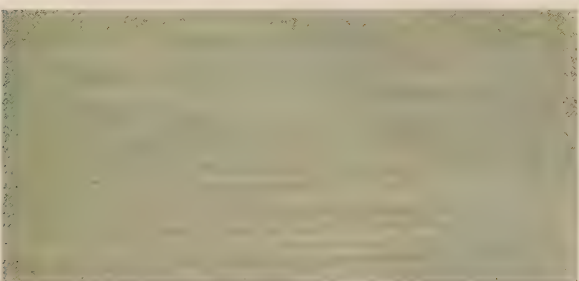
DESK TOP LINOLEUM



brown • asphalted fibre back 3mm gauge **1701F**



grey • asphalted fibre back 3mm gauge **1707F**



scotch green 2mm gauge **1728**



desert 2mm gauge **1729**

STATIC CONDUCTIVE LINOLEUM



6 ft. wide, 1/8" gauge **CL5**



6 ft. wide, 1/8" gauge **CL8**



6 ft. wide, 1/8" gauge **CL9**



6 ft. wide, 1/8" gauge **CL10**

A special seamless type of linoleum which dissipates dangerous static charges is made exclusively by Congoleum-Nairn. Static Conductive linoleum is designed specifically for hospitals, arsenals, powder plants, and other commercial areas where there is the omnipresent danger of explosion, due to easily built up static electricity.

It is made in 6 feet wide yard goods only by Congoleum-Nairn. This makes possible the following outstanding features.

1. Easy to install . . . no special grid underfloor necessary; the conductivity is built into the linoleum . . . less installation cost.
2. Almost no dirt catching seams, such as in tile

floors, to aid in bacteriological growth. Also makes possible coving from floor to wall, for easier maintenance.

Now made in three new color decorations, Static Conductive linoleum is quiet and resilient underfoot. It will withstand dirt and staining.

Static Conductive linoleum is made in two types . . . "U" for hospital use and "G" for areas where explosive materials may be used.

Static Conductive linoleum meets the specifications of or as approved by:

Underwriter Laboratories Inc.

U. S. Army Ordnance

National Fire Protection Association



RESILIENT TILES

NAIRON CUSTOM VINYL TILE

The ultimate in luxury vinyl tile. Here is unsurpassed beauty, a wide variety of superbly styled colors and exclusive decorations, such as Venetian, plus superior resistance to acids, oils, grease and indentation. Full thick Nairon Custom Vinyl is precision manufactured to bring you the finest quality in pure vinyl floor covering.

COMMERCIAL SPEC. 1/8" VINYL TILE

The last word in premium vinyl beauty and performance plus practical economy makes Commercial Spec. the "spec." for important contract installations. Along with its preferred, soft monochromatic color and character, Commercial Spec.'s unexcelled resistance to scratching, scuffs, cigarette burns and indentation are your assurance of lasting satisfaction.

VINYLBEST VINYL ASBESTOS TILE

The amazingly adaptable all purpose tile! Use it anywhere in the home. Durable, long-lasting, moisture never a problem; spills and stains clean away easily without a trace. Flexible and easy to handle for economical do-it-yourself installation. And Vinylbest lets you choose from the widest variety of distinctively beautiful decorations and colors.

WONDERFLOR VINYL TILE

Durable, flexible vinyl, made by a time-tested process that assures long wear, trouble-free maintenance and peerless performance. Gives top indentation resistance — won't shrink, chip or shatter. Exquisitely styled and colored, Wonderflor offers a wide variety of designs including metallics, wood-grained and overall effects.

ASPHALT TILE

Low in cost but high in value! Congoleum-Nairn's unique Featherveining process keeps decoration uniform throughout each tile — eliminates that worn look in heavy traffic areas. Has excellent resistance to alkaline moisture — a problem wherever floors are in contact with the ground — and to many stains and spills.

ACCENT, WOOD HUES & CUSTOMBILT LINOLEUM TILES

Practical, economically-priced and time-proven linoleum tile now available in the latest home fashion colors — or as an amazingly realistic hardwood flooring interpretation. Withstands soiling, indentation. Easy handling and cutting qualities make Accent, Wood Hues and Custombilt linoleum tiles ideal for money saving do-it-yourself installation.

SUGGESTED TILE DESIGNS

Use design to your best advantage and follow these simple principles:

1. To keep your floor design from becoming cluttered, never use more than 3 or 4 colors.
2. If a room has many pieces of furniture, a simple design will show them off to best advantage.
3. Use busy, "loud" designs only in active areas such as game rooms or rumpus rooms — living and dining rooms need quiet, subdued designs.

For special problems

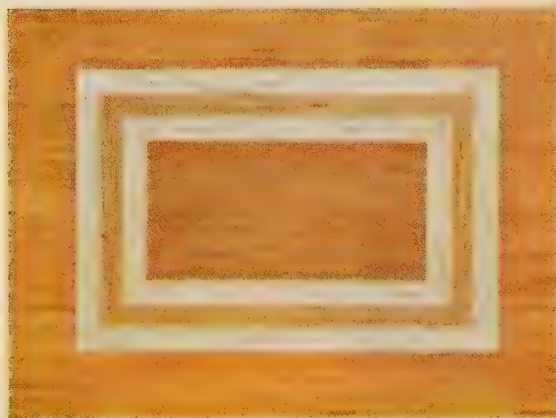
SMALL ROOMS: Use small designs that do not overpower the room. The simple border treatments or half-tile insets will make the room appear larger.

NARROW ROOMS: Rooms of rather tight dimensions one way can be made to look wider when you use stripes of contrasting colors across the narrow dimension.

CUT-UP ROOMS: Use an irregular design that gives an all-over "textural" effect. This way, you eliminate the broken up feeling of defining irregular walls.



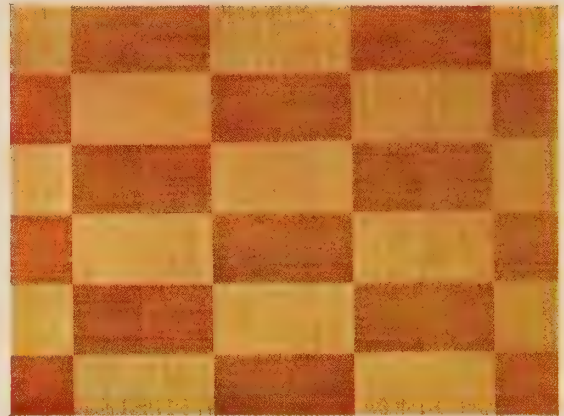
1 33.3% white, 33.3% tan, 33.3% copper



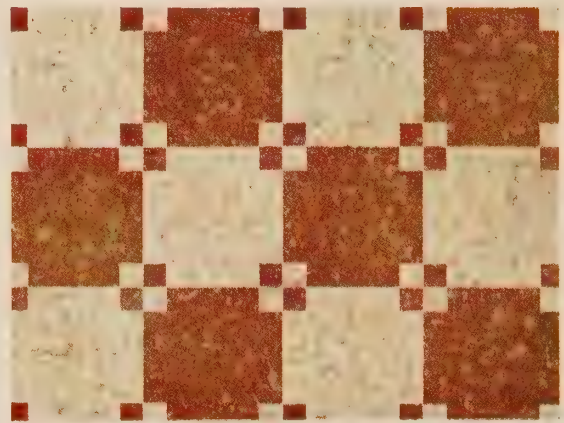
2 66.7% of Tiles in perimeter of inset in white and 33.3% in tan cut into 3" x 9" pieces.



3 37.4% black, 31.3% white, 31.3% blue



4 50% tan, 50% brown



5 50% tan, 50% brown



6 50% tan, 50% green



7 50% tan, 25% copper, 25% biege



8 33.3% pink, 33.3% lemon, 33.3% mint



9 33.3% tan, 33.3% brown, 33.3% green



10 75% tan, 25% brown



11 50% light, 50% dark



12 79% light, 21% dark

How to choose your color schemes

YOUR HOME REFLECTS YOU—your personality and way of living. So choose your favorites in color and design. The chances are that color combinations that have always appealed to you will look well in your home. To experiment with them, use swatches of your upholstery fabrics and our tile samples. You'll see how easy and how much fun it is to select a color scheme.

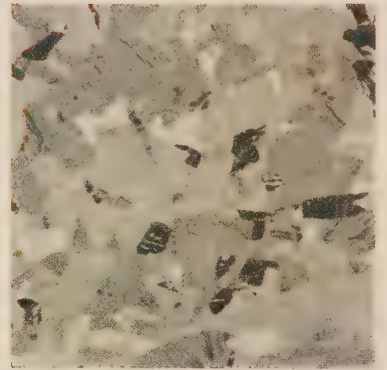
DOING ONLY ONE ROOM? If you plan to completely redecorate the room, naturally you'll choose flooring, paint and furnishings in colors that are compatible. If a new floor is all you plan, be sure it's compatible with your existing furniture and decor. Chosen carefully, your new floor can bring the whole room alive with new beauty.

MORE THAN ONE ROOM? Then it's wise to remember that each room is part of the whole house and should be compatible with its neighboring rooms. If you plan only on new floors, again consider your present furnishings. If a complete redecorating plan is in order, try carrying one or two basic colors from room to room, combining with other colors in each room.



VENETIAN

SOLID VINYL TILE



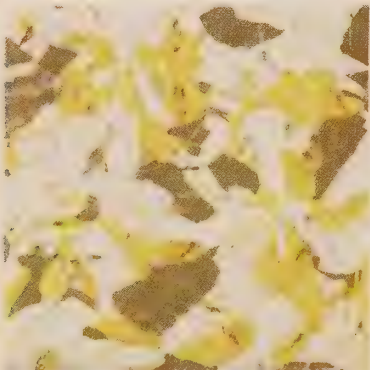
VENETIAN • gray

5251



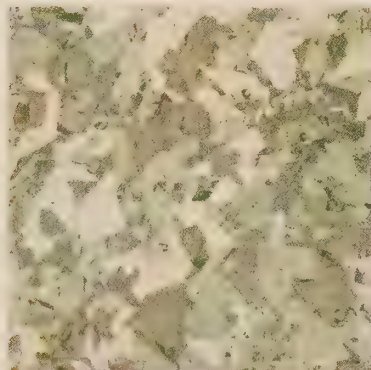
VENETIAN • beige

5254



VENETIAN • acacia

5257



VENETIAN • seafoam

5261



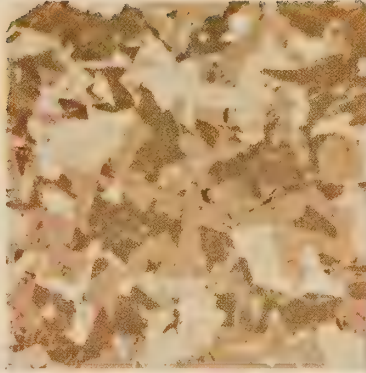
VENETIAN • golden onyx

5262

VENETIAN SOLID VINYL TILE



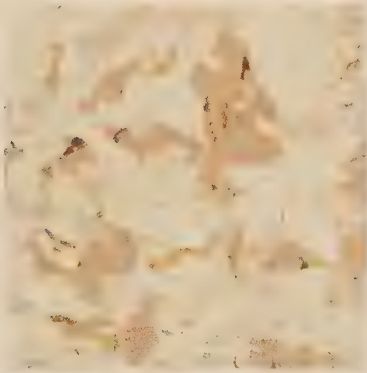
VENETIAN • taupe 5255



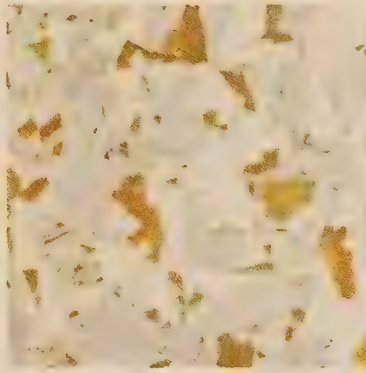
VENETIAN • fawn 5256



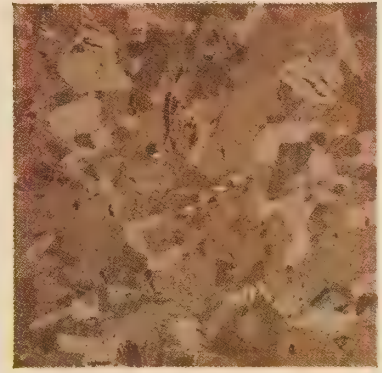
VENETIAN • alabaster 5258



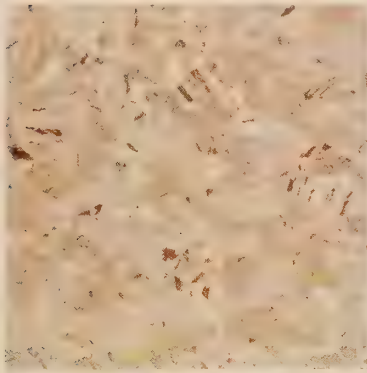
VENETIAN • nougat 5259



VENETIAN • gold topaz 5263



VENETIAN • walnut 5264



VENETIAN • cream de cocoa 5265



VENETIAN • clay 5266



VENETIAN • carnelian 5267



VENETIAN • sauterne 5268



VENETIAN • sea spray 5269



VENETIAN • cloudmist 5270

COMMERCIAL SPEC. SOLID VINYL TILE



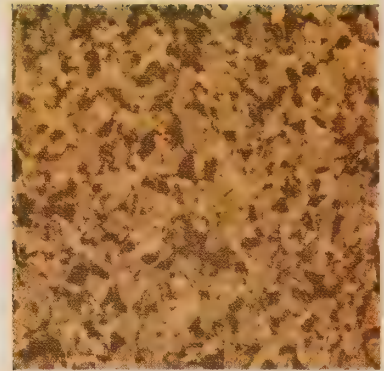
beige

5601



sand

5602



mocha

5603



gray

5604



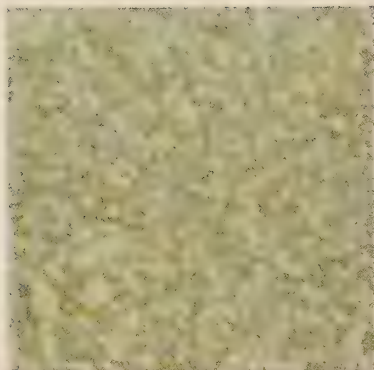
copper

5605



putty gray

5606



green

5607

Tile Size: 9"x9" & 12"x12"

Gauge: 1/8" only

Scale: 1" = 4"



WONDERFLOR SOLID VINYL TILE

Durable, flexible vinyl, made by a time-tested process that assures long wear, trouble-free maintenance and peerless performance. Gives top indentation resistance—won't shrink, chip or shatter. Exquisitely styled and colored, Wonderflor offers a variety of designs in Parfait Marble, Woodhue, Flagstone and Marbletex effects.

PARFAIT MARBLE — SOLID VINYL TILE



vanilla **VB31**



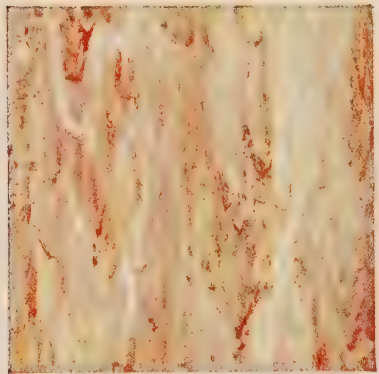
strawberry **VB32**



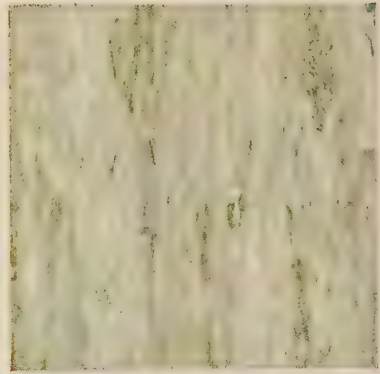
glacé **VB33**



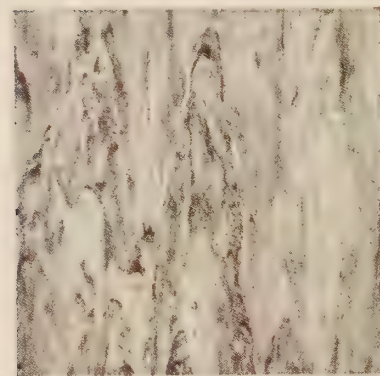
chiffon **VB34**



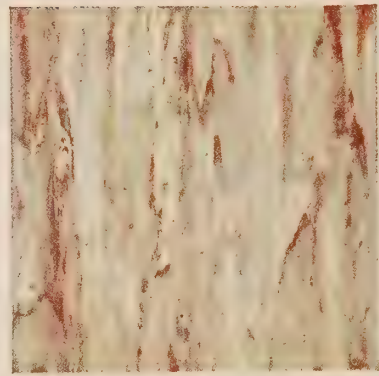
butterscotch **VB35**



mint **VB36**



anise **VB37**



coffee **VB38**



lemon **VB39**



blue frappe **VB40**



almond **VB41**



marble **VB42**

EMBOSSED WOODHUE — SOLID VINYL TILE



birch

VB50



lt. walnut

VB51



birch

VB50



lt. walnut

VB51



oak

VB52



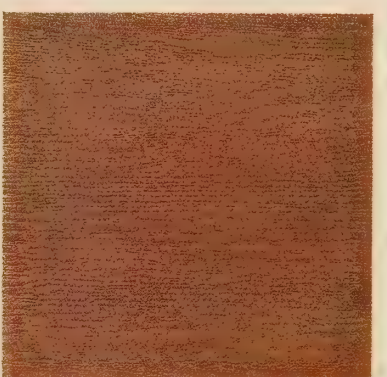
oak

VB52



walnut

VB53



walnut

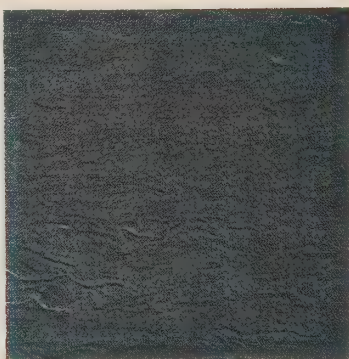
VB53

EMBOSSED FLAGSTONE — SOLID VINYL TILE



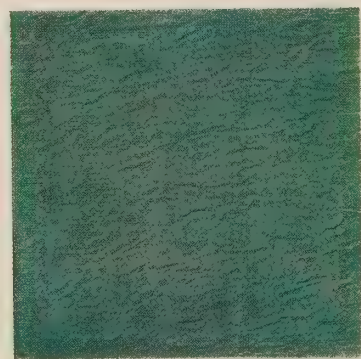
terra cotta

VB55



slate gray

VB56



slate green

VB57

FEATURE STRIP



VF1



VF2



VF3

VF4

Tile Sizes: 12"x12", 5 $\frac{7}{8}$ "x12", 5 $\frac{7}{8}$ "x5 $\frac{7}{8}$ "
Scale: 1" = 6"

Packed: 45 12"x12" tiles of one color only to carton.

Random Packed:

RF-1 Equal quantities of VB55, VB56 & VB57 for a total of 9—12"x12", 27—5 $\frac{7}{8}$ "x12" & 18—5 $\frac{7}{8}$ "x5 $\frac{7}{8}$ " tiles and 81 lin. ft. of VF4 Feature Strip to carton.

RF-2 9—12"x12", 27—5 $\frac{7}{8}$ "x12" & 18—5 $\frac{7}{8}$ "x5 $\frac{7}{8}$ " tiles, all of VB58 and 81 lin. ft. of VF3 Feature Strip to carton.

white

VB58

MARBLETEX — SOLID VINYL TILE



lt. beige

VB100



blue w/white

VB101



white w/beige

VB102



brown w/beige & white

VB103



lavender w/white

VB104



white w/gray

VB105



red w/white

VB106



white w/yellow & beige

VB107



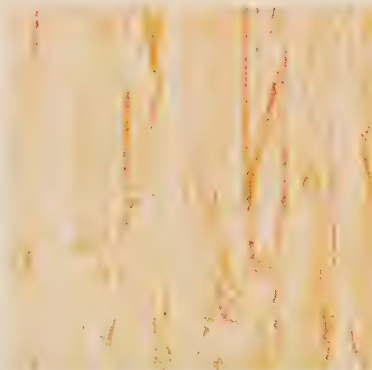
green w/white

VB108



black w/gray & white

VB109



lt. & med. beige w/orange

VB110



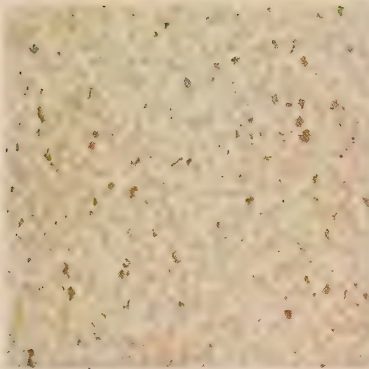
lt. & med. beige w/white

VB111



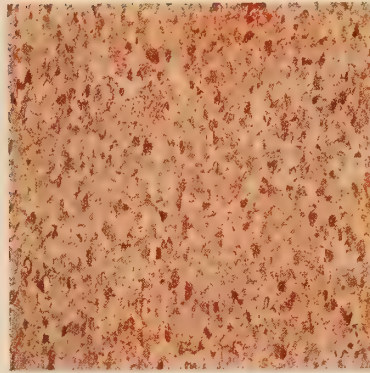
Congoleum-Nairn Vinyl Asbestos Tile is available in 1/8" commercial gauge and 1/16" weight for residential use. A wide range of colors and designs offers a variety of floors that will complement your color scheme, as well as unlimited possibilities in custom designs that will give that needed setting for your decorative plans. And if grade level is a problem, Congoleum-Nairn Vinyl Asbestos Tile is the floor that will solve it.

MODERNAIRE VINYL ASBESTOS TILE



light beige

VA545



brown

VA546



blue

VA547



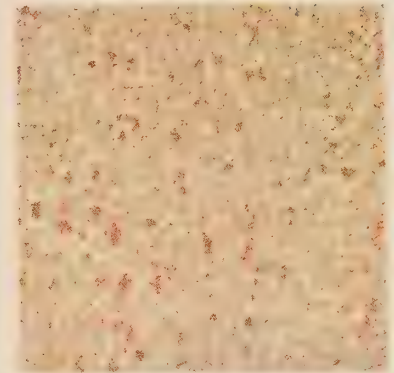
medium beige

VA548



green

VA549



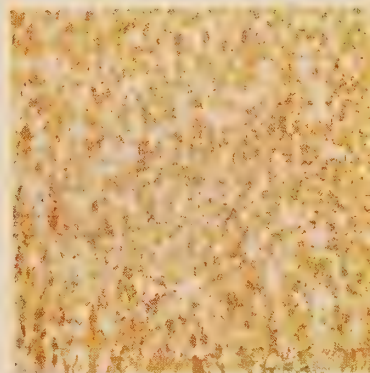
pink

VA550



white

VA551



blonde

VA552



turquoise

VA553



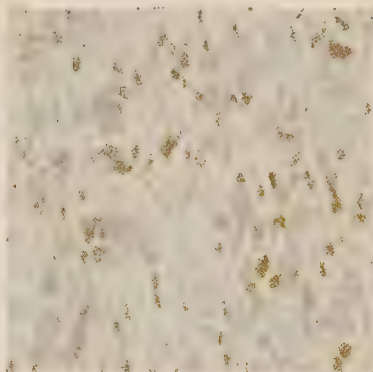
champagne

VA554

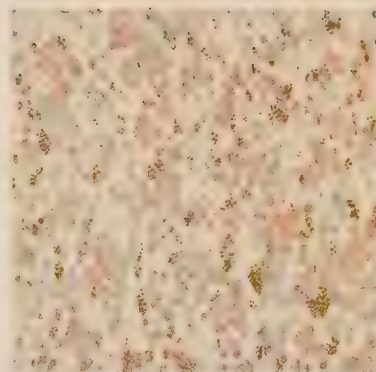
CONTEMPORA VINYL ASBESTOS TILE



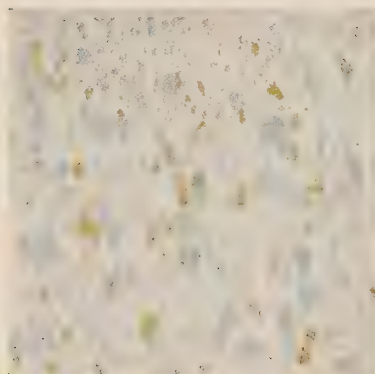
off-white w/beige & gold **VA560**



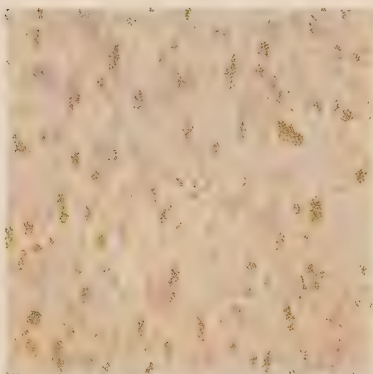
white w/gold **VA561**



off-white w/beige & gold **VA562**



white w/blue & gold **VA563**



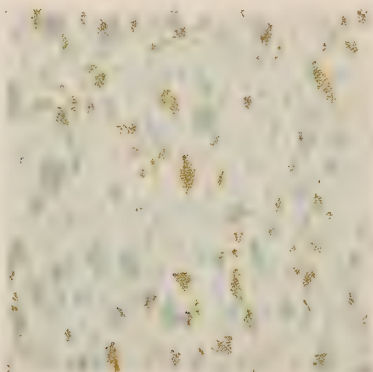
off-white w/pink & gold **VA564**



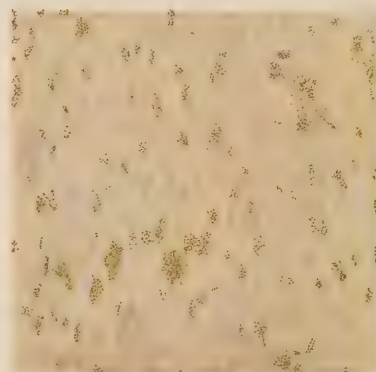
brown w/gold **VA565**



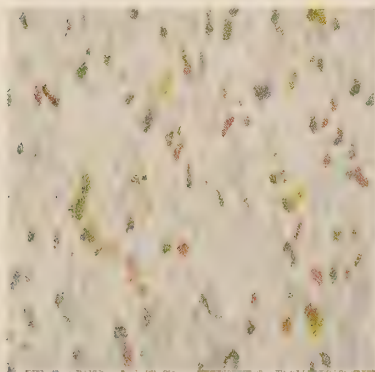
white w/butterscotch & gold **VA566**



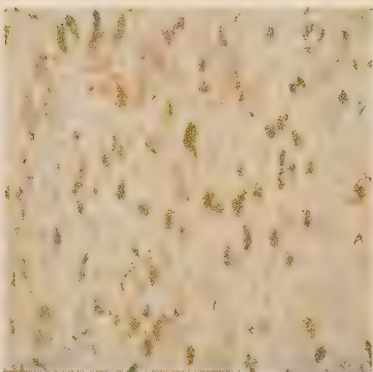
white w/turquoise & gold **VA567**



sand w/gold **VA568**

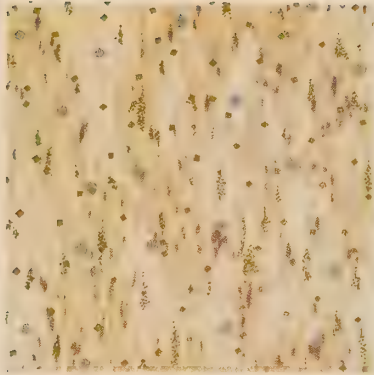


white w/red, green, blue, yellow & silver **VA569**



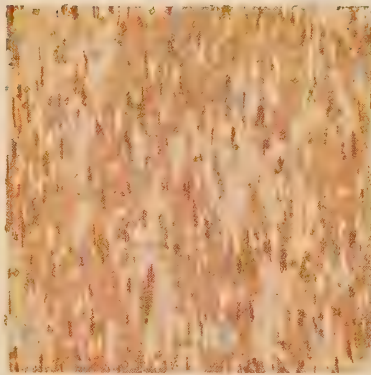
off-white w/red, green, blue, yellow & silver **VA570**

SPARKLEWOOD VINYL ASBESTOS TILE



blonde

VA511



lt. woodtone

VA512



green

VA514



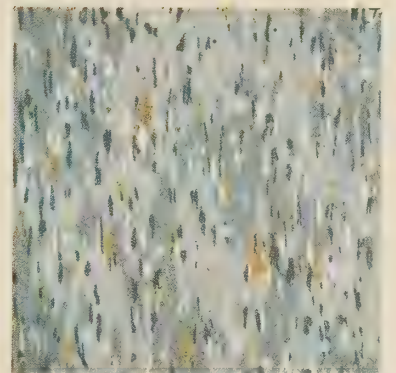
white multi

VA515



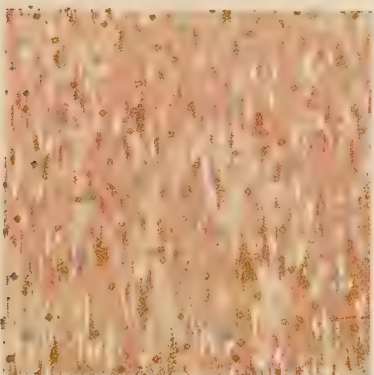
mocha multi

VA516



blue

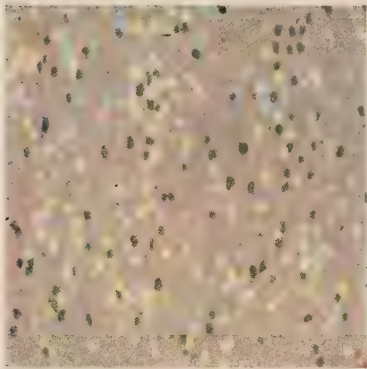
VA518



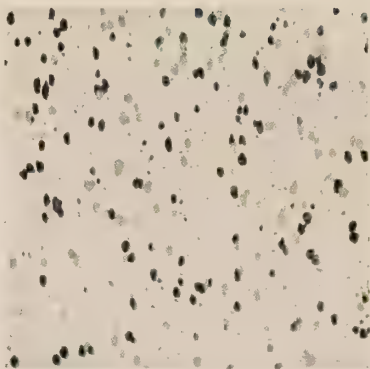
copper hue

VA519

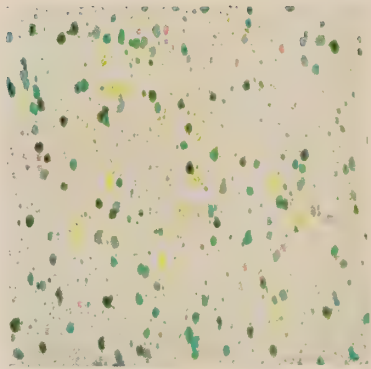
GALA VINYL ASBESTOS TILE



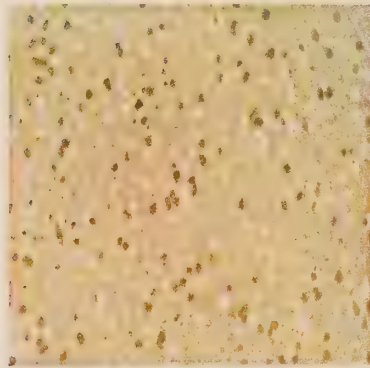
mocha multi **VA520**



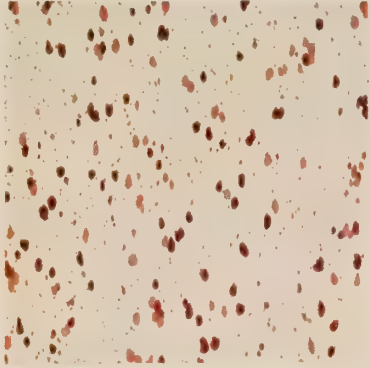
white **VA522**



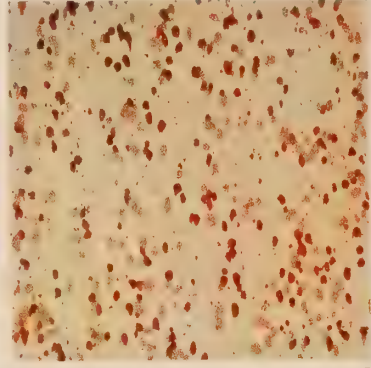
white multi **VA524**



blond **VA527**



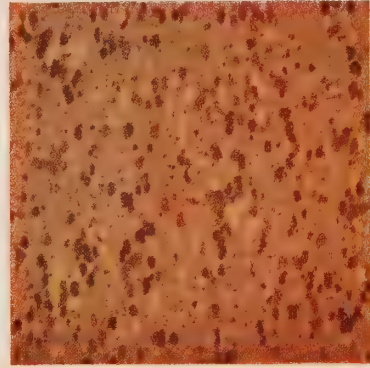
white copper **VA531**



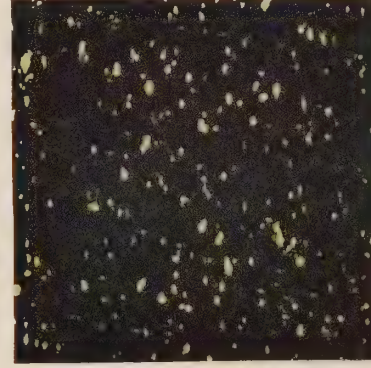
light woodtone **VA533**



light corkette **VA535**



medium corkette **VA536**

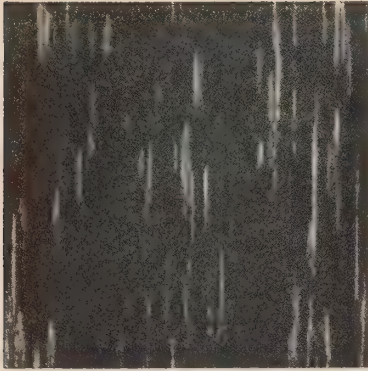


black and gold **VA541**

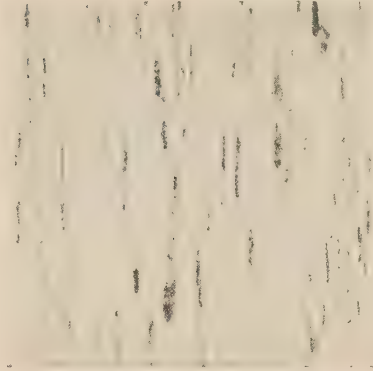


white and gold **VA542**

FEATHERVEIN VINYL ASBESTOS TILE



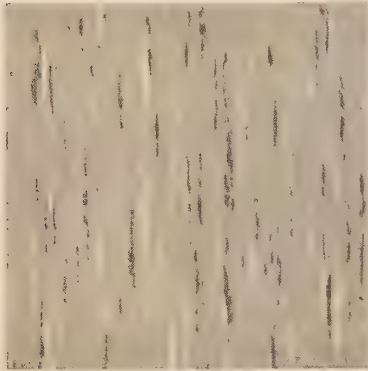
midnight black $\frac{1}{8}$ " gauge **VA11**
 $\frac{1}{16}$ " gauge **VA611**



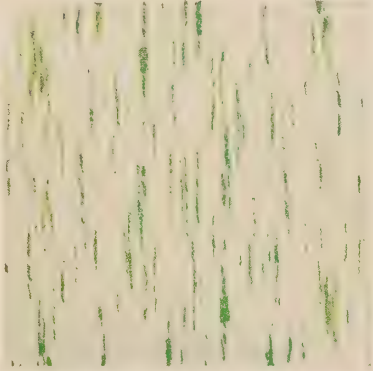
penguin white $\frac{1}{8}$ " gauge **VA12**
 $\frac{1}{16}$ " gauge **VA612**



red $\frac{1}{8}$ " gauge **VA26**
 $\frac{1}{16}$ " gauge **VA626**



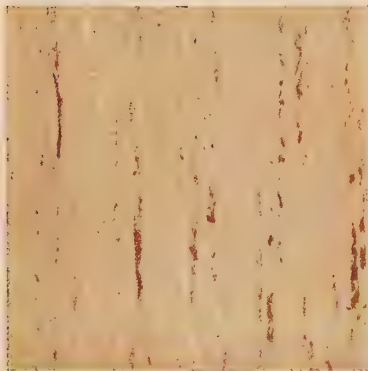
grey $\frac{1}{8}$ " gauge **VA27**
 $\frac{1}{16}$ " gauge **VA627**



white w/green $\frac{1}{8}$ " gauge **VA28**
 $\frac{1}{16}$ " gauge **VA628**



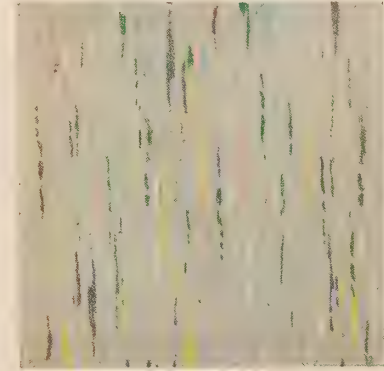
green w/white $\frac{1}{8}$ " gauge **VA29**
 $\frac{1}{16}$ " gauge **VA629**



lt. beige $\frac{1}{8}$ " gauge **VA30**
 $\frac{1}{16}$ " gauge **VA630**



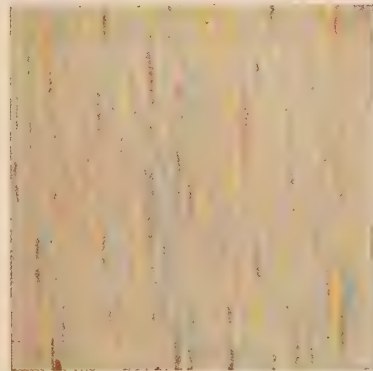
med. beige $\frac{1}{8}$ " gauge **VA31**
 $\frac{1}{16}$ " gauge **VA631**



grey multi $\frac{1}{8}$ " gauge **VA32**
 $\frac{1}{16}$ " gauge **VA632**



white multi $\frac{1}{8}$ " gauge **VA33**
 $\frac{1}{16}$ " gauge **VA633**



mocha multi $\frac{1}{8}$ " gauge **VA34**
 $\frac{1}{16}$ " gauge **VA634**

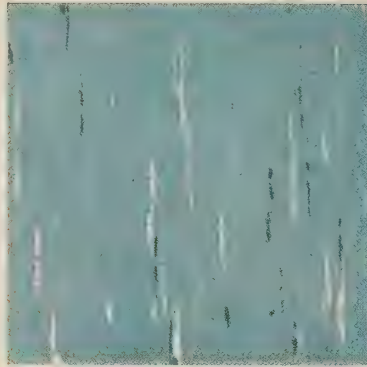


blonde $\frac{1}{8}$ " gauge **VA36**
 $\frac{1}{16}$ " gauge **VA636**

FEATHERVEIN VINYL ASBESTOS TILE



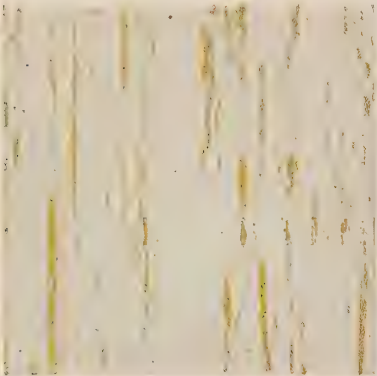
coppertone $\frac{1}{8}$ " gauge **VA37**
 $\frac{1}{16}$ " gauge **VA637**



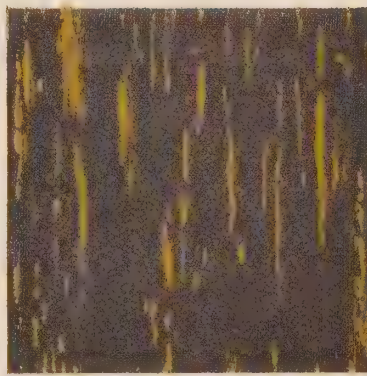
blue $\frac{1}{8}$ " gauge **VA38**
 $\frac{1}{16}$ " gauge **VA638**



driftwood $\frac{1}{8}$ " gauge **VA39**
 $\frac{1}{16}$ " gauge **VA639**



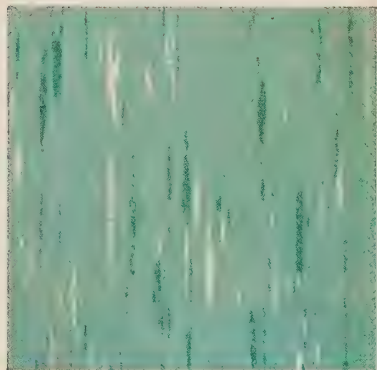
white and gold $\frac{1}{16}$ " gauge **VA641**



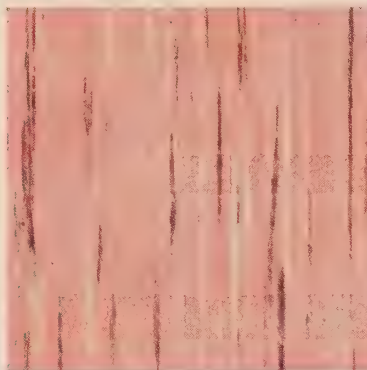
black & gold $\frac{1}{16}$ " gauge **VA642**



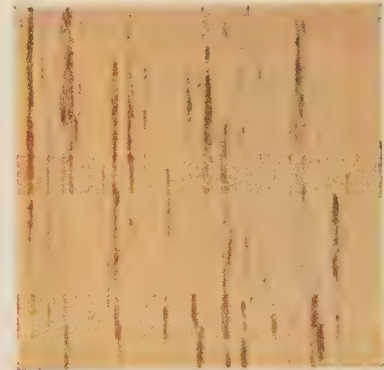
light sand $\frac{1}{8}$ " gauge **VA43**
 $\frac{1}{16}$ " gauge **VA643**



medium green $\frac{1}{8}$ " gauge **VA44**
 $\frac{1}{16}$ " gauge **VA644**



pink $\frac{1}{8}$ " gauge **VA45**
 $\frac{1}{16}$ " gauge **VA645**



beige & gold $\frac{1}{16}$ " gauge **VA647**



ivory w/olive $\frac{1}{8}$ " gauge **VA48**
 $\frac{1}{16}$ " gauge **VA648**



olive $\frac{1}{8}$ " gauge **VA49**
 $\frac{1}{16}$ " gauge **VA649**



putty gray $\frac{1}{8}$ " gauge **VA50**
 $\frac{1}{16}$ " gauge **VA650**

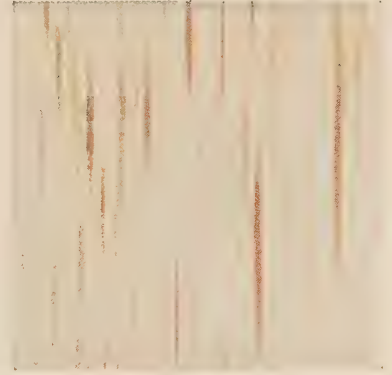
FEATHERVEIN VINYL ASBESTOS TILE



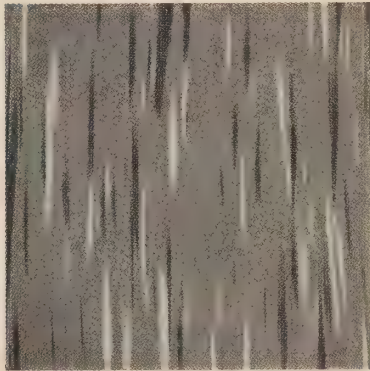
beige w/white & beige $\frac{1}{8}$ " gauge **VA51**
 $\frac{1}{16}$ " gauge **VA651**



rose taupe $\frac{1}{8}$ " gauge **VA52**
 $\frac{1}{16}$ " gauge **VA652**



white w/beige & brown $\frac{1}{8}$ " gauge **VA53**
 $\frac{1}{16}$ " gauge **VA653**



medium gray $\frac{1}{8}$ " gauge **VA54**
 $\frac{1}{16}$ " gauge **VA654**



yellow $\frac{1}{8}$ " gauge **VA55**
 $\frac{1}{16}$ " gauge **VA655**



lt. tan woodhue $\frac{1}{16}$ " gauge **VA684**



med. tan woodhue $\frac{1}{16}$ " gauge **VA685**

THRU-STYLE VINYL ASBESTOS TILE



white

VA70



gray

VA71



light sand

VA72



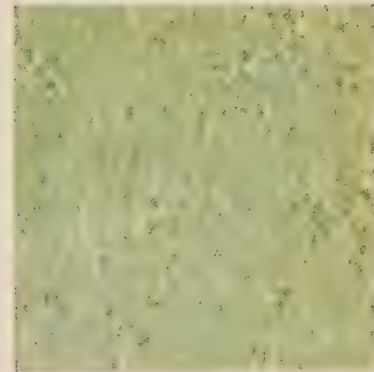
copper

VA73



putty

VA74



green

VA75



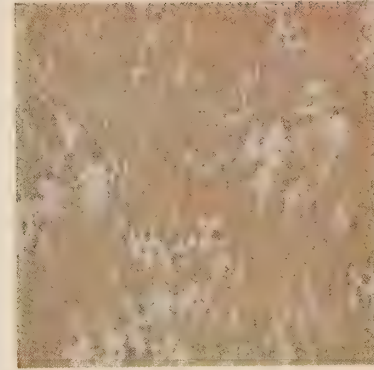
greige

VA76



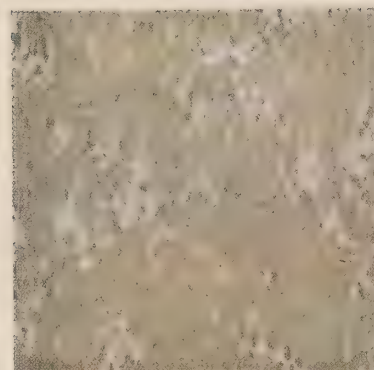
blond

VA77



shell beige

VA78



taupe

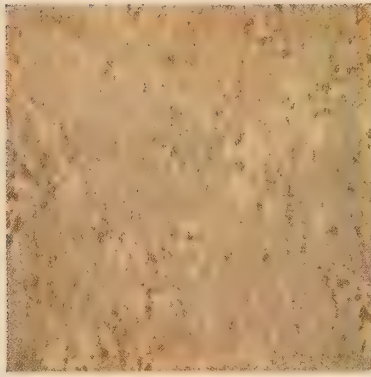
VA79

THRU-STYLE VINYL ASBESTOS TILE



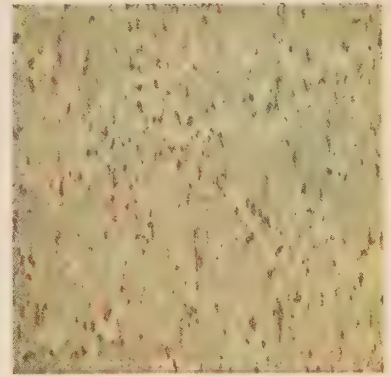
white w/beige

VA80



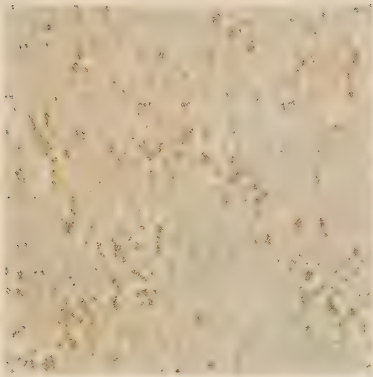
brown

VA81



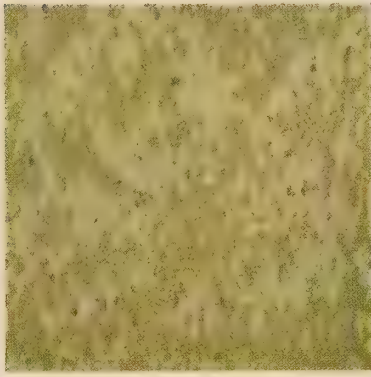
beige w/orange

VA82



beige

VA83



olive

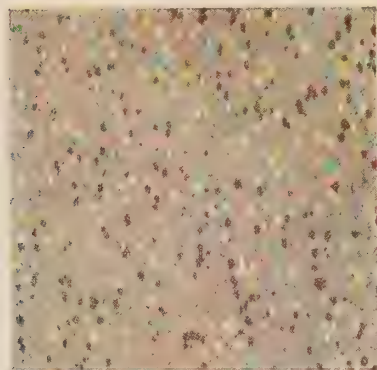
VA84



white w/olive

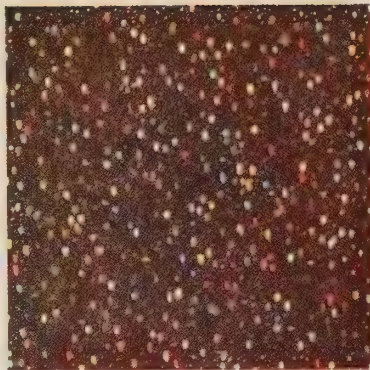
VA85

GALA ASPHALT TILE



mocha multi

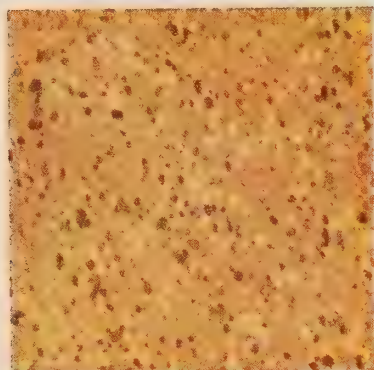
MC54



brown multi

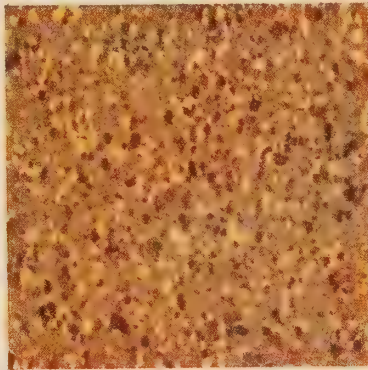
MB55

CORKETTE ASPHALT TILE



light tones

MK104



medium tones

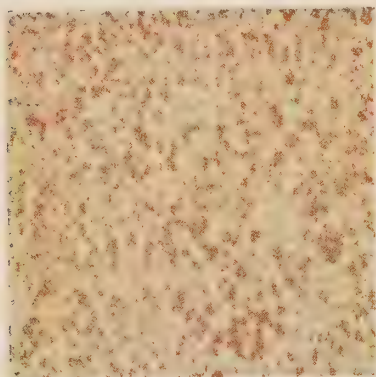
MK105



dark tones

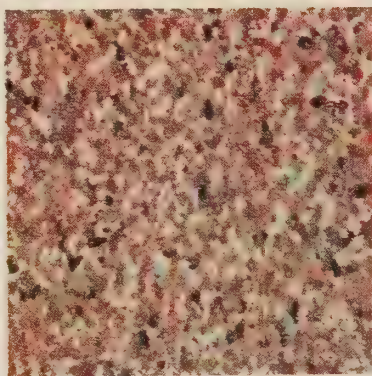
MK106

TWEED TEXTURE ASPHALT TILE



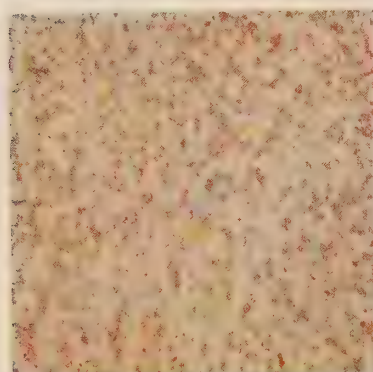
beige & gray

MK112



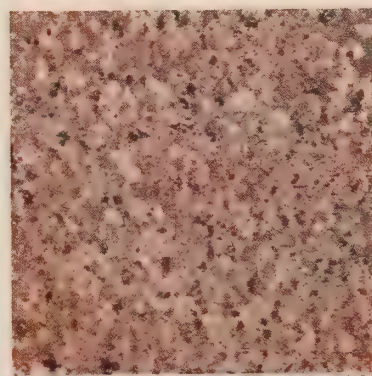
beige w/pink, yellow & blue

MK113



gray w/yellow, pink & blue

MK115



taupe

MK114

Tile Size: 9" x 9"

Scale: 1" = 4"

Gauge: 1/8" only

ASPHALT TILE WITH FEATHERVEINING



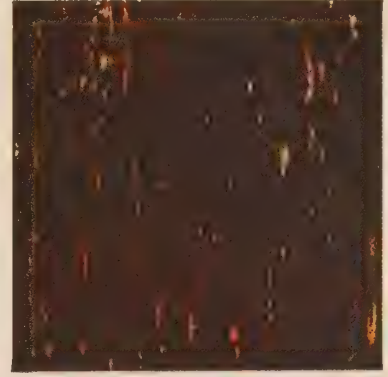
cordoba

MB12



carbon black

MB15



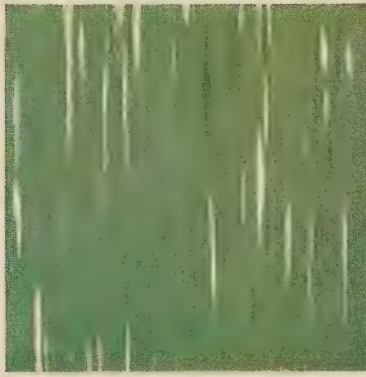
brown w/cream

MB17



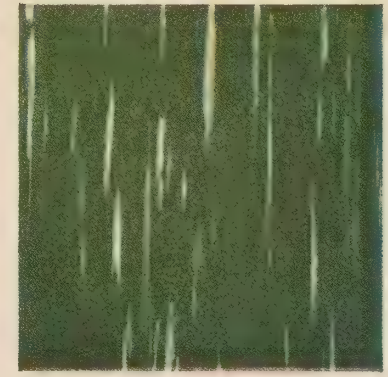
verde antique

MB19



sierra green

MC31



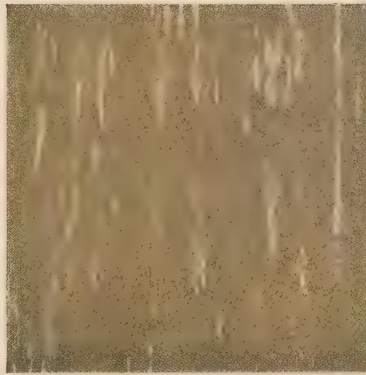
sequoia green

MC32



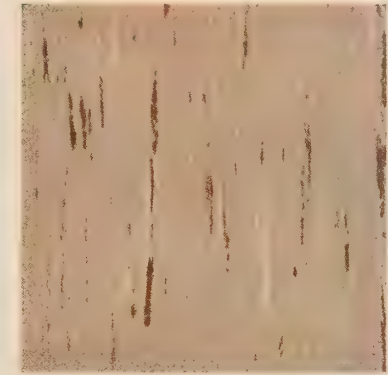
light brown

MC35



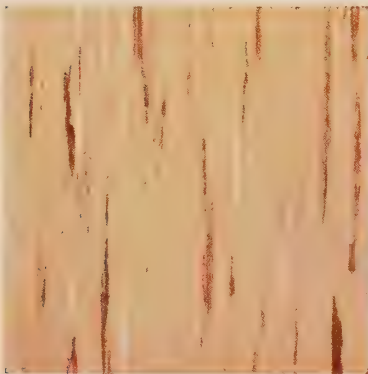
smoke grey

MC37



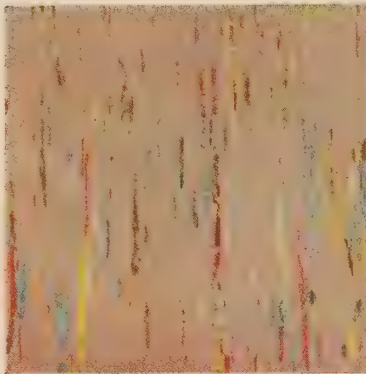
taupe

MC38



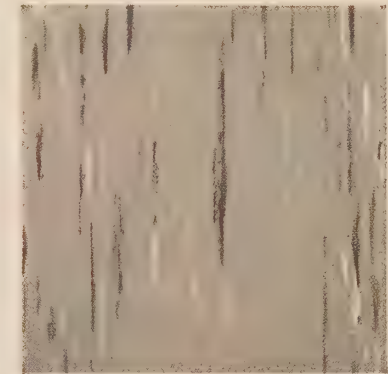
sand

MC39



beige multi

MC40



sparta grey

MC41

ASPHALT TILE WITH FEATHERVEINING



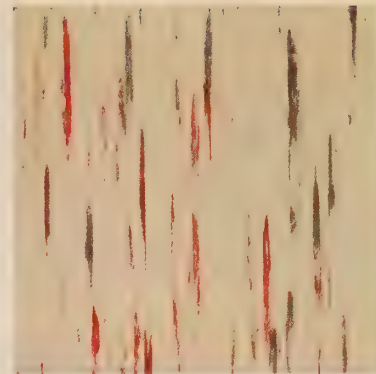
carthage grey

MC42



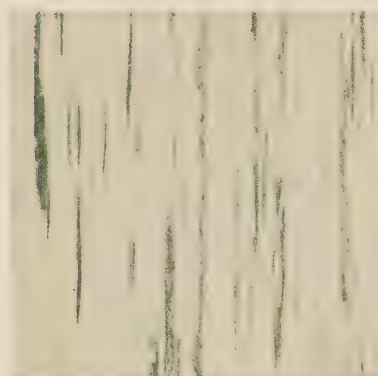
red

MC44



athens white

MD72



erin white

MD76



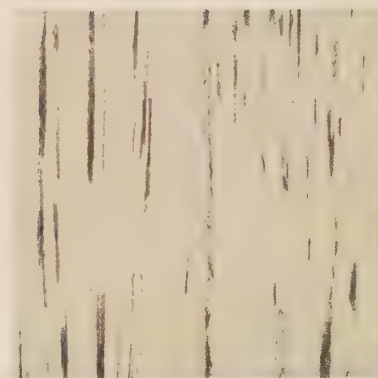
ivory

MD77



yellow

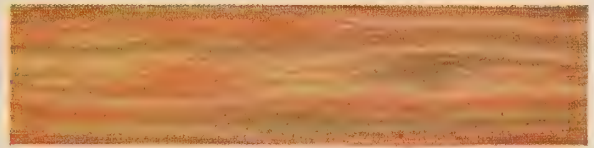
MD78



corinth white

MD80

WOOD HUES PLANK LINOLEUM TILE



WOOD HUES PLANK

lt. gauge

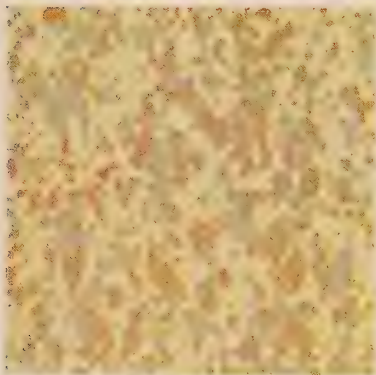
No. 1

Equal parts of light and dark in

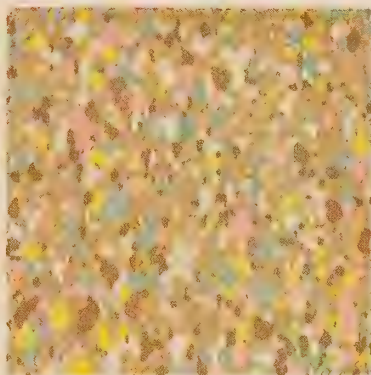
both 4" x 27" and 4" x 36" sizes

to a carton of 42 sq. ft.

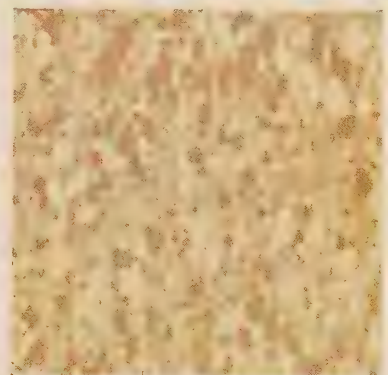
ACCENT LINOLEUM TILE



1330



1331



1332



1333



1334



1335

Tile Size: 9" x 9"

Gauge: Light

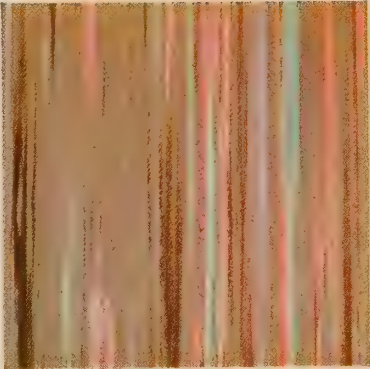
Scale: 1" = 2"

67

CUSTOMBILT LINOLEUM TILE



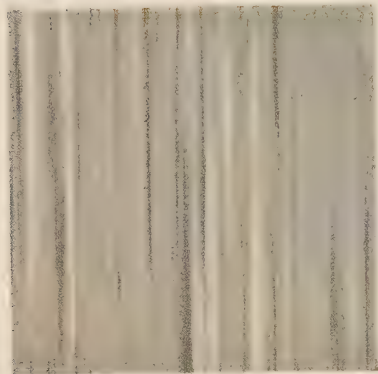
22



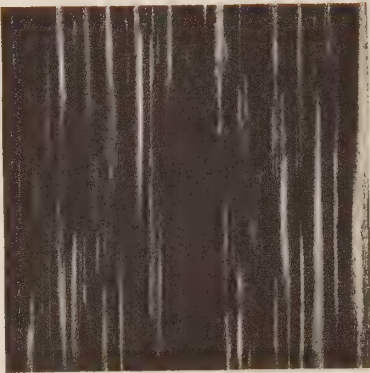
23



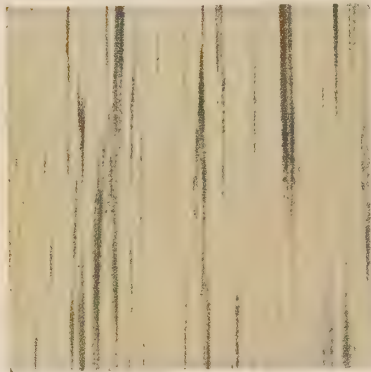
24



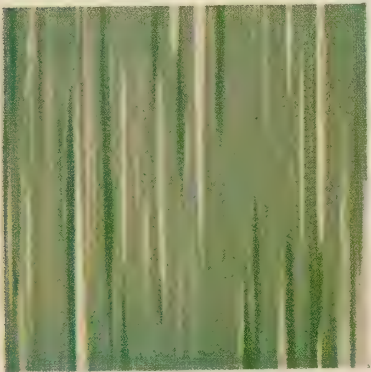
25



26



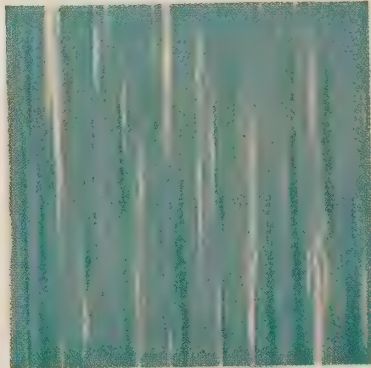
27



28



29



30



31



21

WALLS, COUNTERTOP, AND BULLETIN BOARD CORK

VINYL CONGOWALL

Tired of looking at (and cleaning) those same four walls? Change their appearance with attractive vinyl Congowall, and take a permanent rest from wall scrubbing and crack-patching. The rich color of hand-fired tile is sealed completely beneath a tough, durable layer of clear vinyl. Its smooth, non-porous finish cannot trap household grime and film—they wipe away easily and instantly. Besides saving your energy, you save money by eliminating costly painting and refinishing. For further economizing, install Vinyl Congowall yourself. It is flexible and easy to handle.

WONDERTOP

For tops in beauty and performance in your home, choose vinyl WonderTop for every work surface. For beauty, its gleaming metallics and colors have been coordinated with Congoleum-Nairn fine floors and leading appliances. And the performance of WonderTop is outstanding. Three times the wear surface of most other products—including the highest-priced laminates—insure its durability. WonderTop cannot peel, chip, shatter or develop unsightly bulges or blisters due to hidden deterioration. Its sateen finish provides top resistance to acids, alkalies, and grease. Flexible, seamless lengths permit easy installation over any contour—and its resiliency muffles kitchen clatter.

BULLETIN BOARD CORK

Tough but attractive, American-made Bulletin Board Cork comes in several types for various uses. E-Z Clean Plastic Sealed Bulletin Board Cork is the most up-to-date in its field. Its clean, clear color runs to the back in guaranteed full thickness. Reinforced with top quality burlap, and plastic sealed with heat and pressure for durability, it is available in approximately 90 lineal feet rolls for seamless installations. More rugged still, Face Sanded Bulletin Board Cork is a precisely-blended composition that gives it a resiliency which does not permit repeated thumbtack use to gouge its surface. Reinforced with burlap backing, Face Sanded Bulletin Board Cork exceeds the minimum requirements of Federal Specification MIL C-15116B.

Congoleum-Nairn Bulletin Board Cork is made in the following widths and gauges:—

E-Z CLEAN

No.	Widths	Gauges
BC5	73" & 49"	¼" & ⅛"
BC7	73" & 49"	¼" & ⅛"
BC9	73" & 49"	¼" & ⅛"
BC13	49" only	¼" only
BC17	49" only	¼" only

FACE SANDED

No.	Widths	Gauges
BC2	73" & 49"	¼" & ⅛"
BC6	73" & 49"	¼" only
BC8	73" & 49"	¼" & ⅛"
BC10	73" & 49"	¼" & ⅛"
BC12	49" only	¼" only

VINYL CONGOWALL



beige w/brown

54" wide **W210**



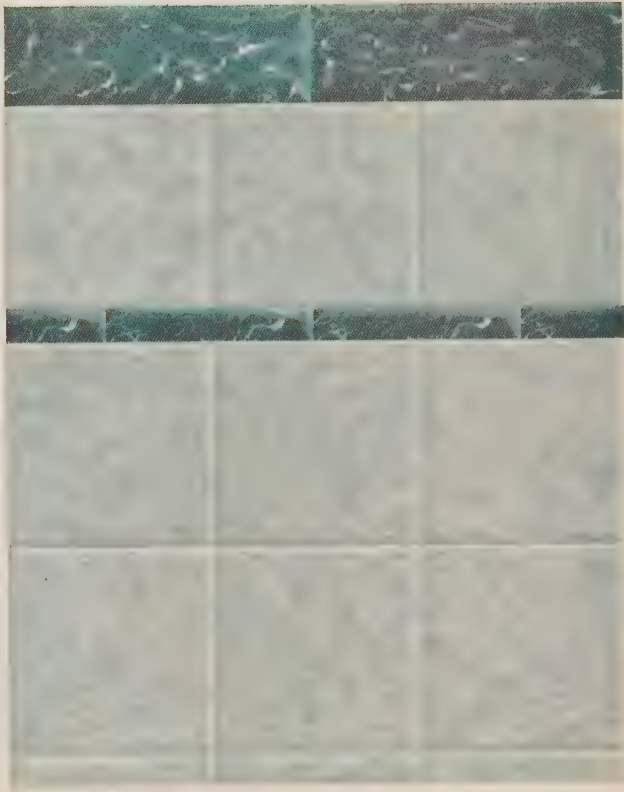
green

54" wide **W211**



pink w/black

54" wide **W212**



blue

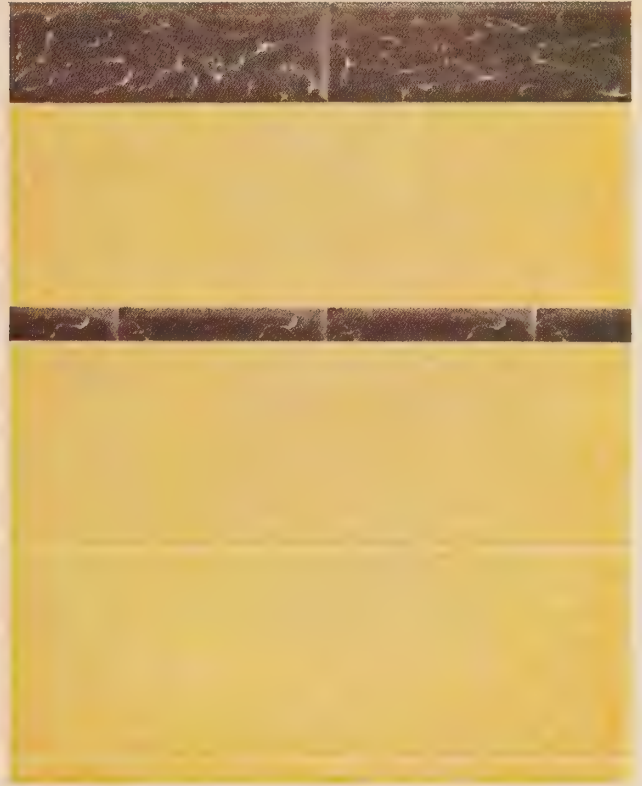
54" wide **W213**

VINYL CONGOWALL



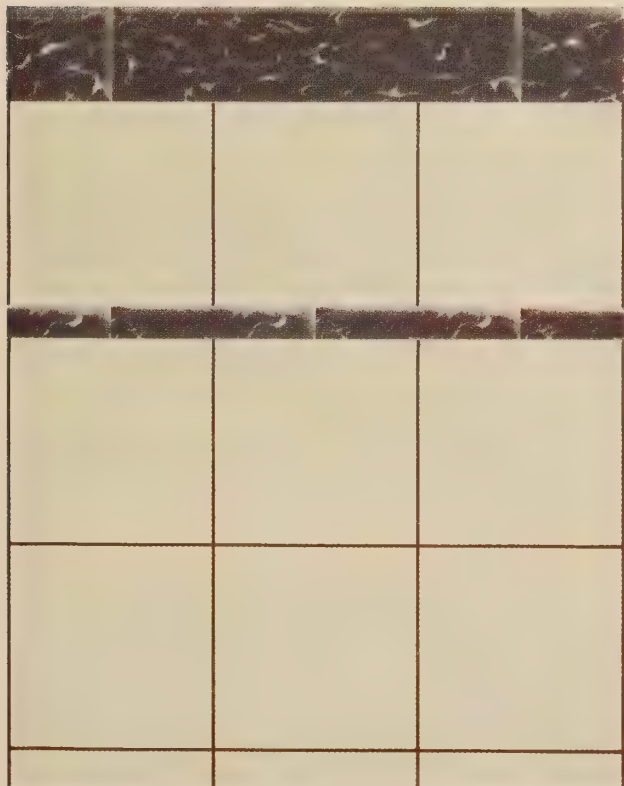
gray w/black

54" wide **W214**



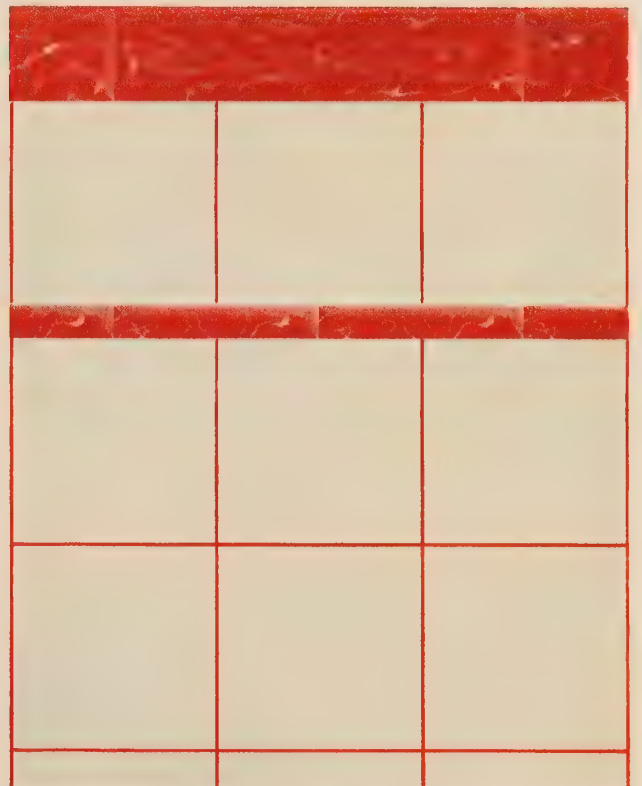
yellow w/black

54" wide **W215**



white with black

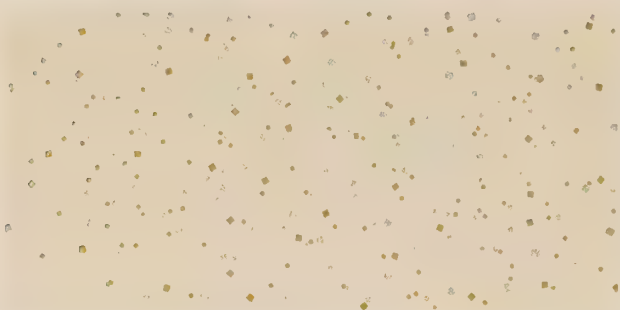
54" wide **W216**



white with red

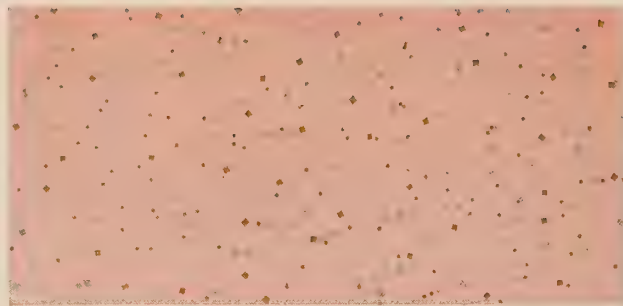
54" wide **W217**

WONDERTOP COUNTER COVERING



white w/sparkle

3061



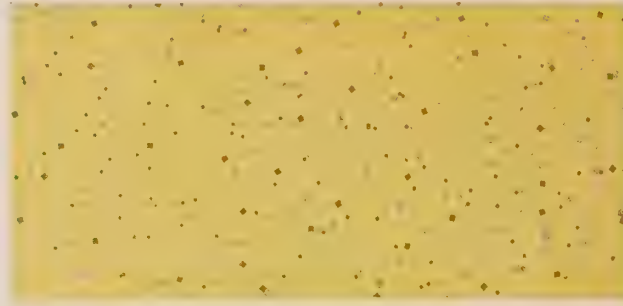
pink w/sparkle

3062



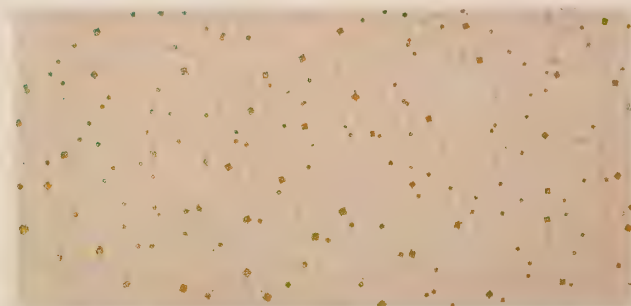
turquoise w/sparkle

3063



yellow w/sparkle

3064



beige w/sparkle

3066



white with gold

3070



aqua with gold

3071



beige with gold

3072



yellow with gold

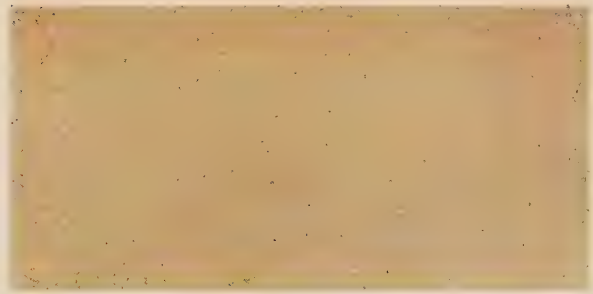
3073

BULLETIN BOARD CORK



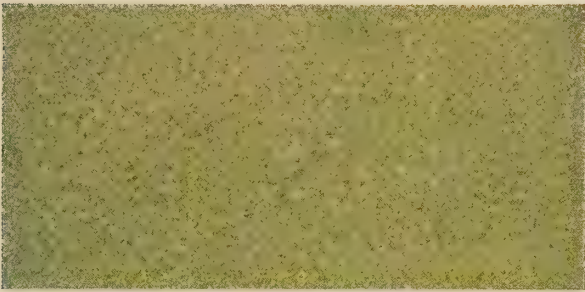
FACE SANDED • toast tan

BC2



FACE SANDED • beach gray

BC6



FACE SANDED • spray green

BC8



FACE SANDED • wheat tan

BC10



FACE SANDED • gold

BC12



E-Z CLEAN • satellite gray

BC5



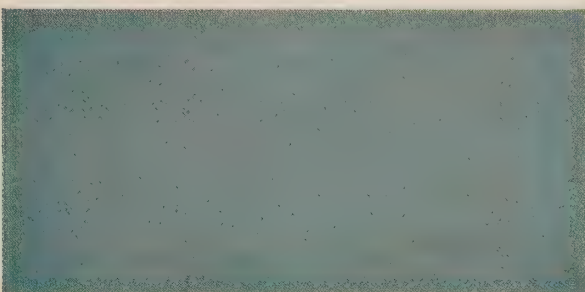
E-Z CLEAN • springtime green

BC7



E-Z CLEAN • summer tan

BC9



E-Z CLEAN • skyline blue

BC13



E-Z CLEAN • sunset coral

BC17



MONACO • olive green with white

8011



This new easy-to-clean vinyl has its own built-in cushion . . . soft and easy on kitchen-tired feet!



The built-in cushion makes Cushionflor extra-cozy!
Perfect comfort for children's rooms, bare feet.



TRAVERTINE • white with light and dark beige 8000



PRESTIGE • beige with pink and turquoise

8022



The built-in cushion muffles racket and absorbs harsh sounds. Ideal for kitchens, family rooms.

new
vinyl

CUSHIONFLOR

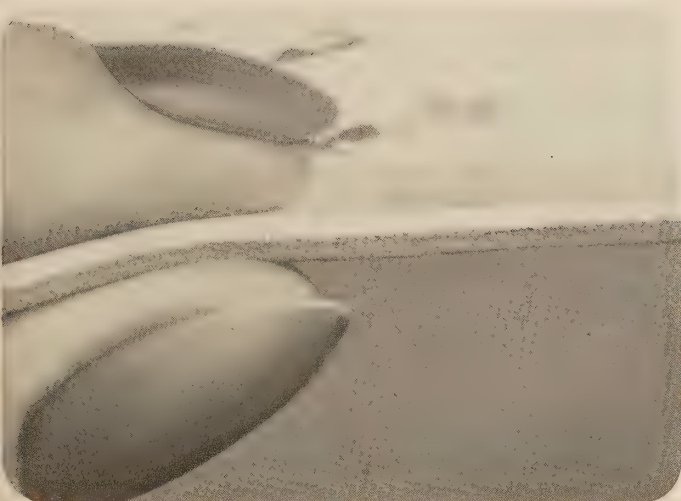
with its own built-in cushion

Warmer...because it's cushioned

Quieter...because it's cushioned

Wears better...because it's cushioned

so springy it even recovers
from spike-heel dents!



Press it—it gives! You *feel* the cushion between the vinyl surface and the vinylized backing.

New Vinyl Cushionflor* actually has a cushion of foam between its handsome vinyl surface and its backing. It's a brand-new development in flooring created by Congoleum-Nairn to bring you “carpet-y” comfort in every room in the house—even in the kitchen!

*TRADEMARK

VINYL CUSHIONFLOR



TRAVERTINE • white w/lt. & dark beige

8000



TRAVERTINE • gray w/blue & dark gray

8001



TRAVERTINE • taupe w/copper & brown

8002



TRAVERTINE • sand beige w/mocha & brown

8003



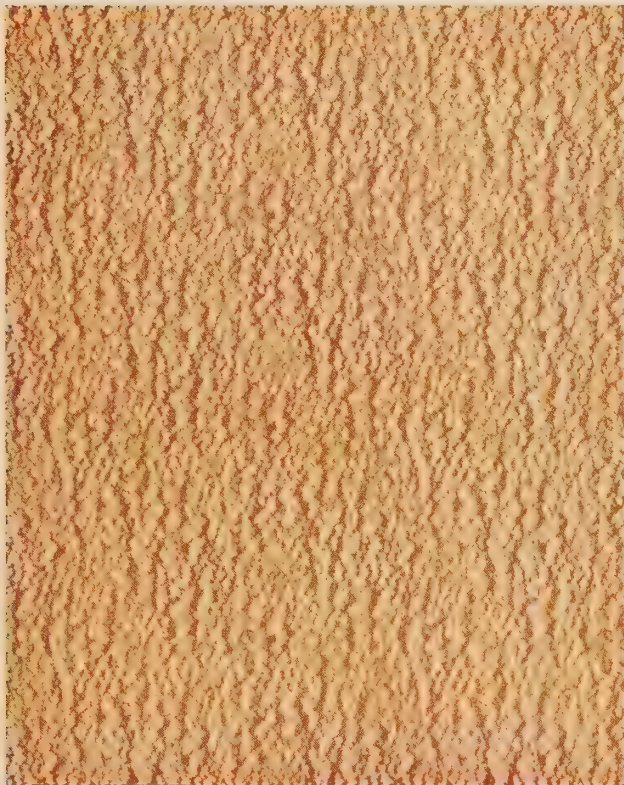
TRAVERTINE • limestone green w/olive & mocha

8004



TRAVERTINE • white w/pink & turquoise

8005



MONACO • sand

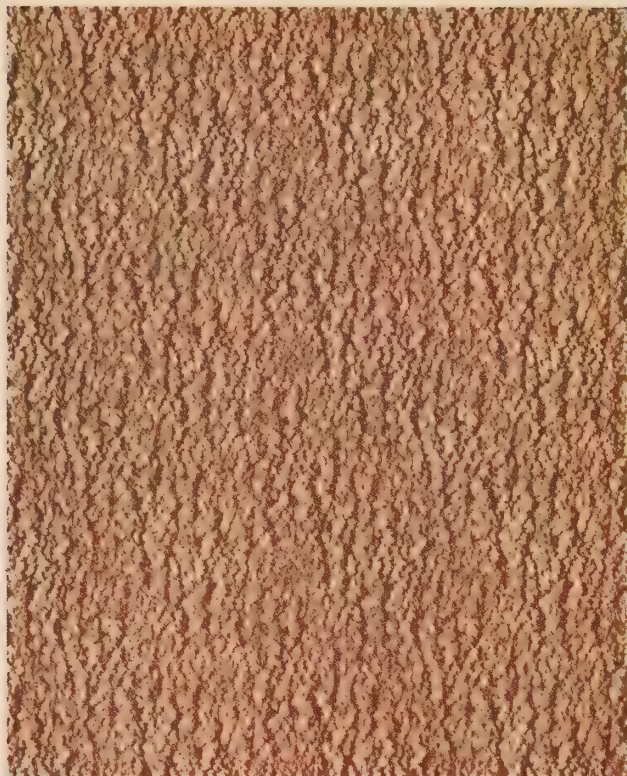
8010



MONACO • olive green

8011

VINYL CUSHIONFLOR



MONACO • chocolate brown

8012



MONACO • sand w/yellow, orange & salmon

8014



MONACO • beige w/yellow, orange, blue & lilac

8015



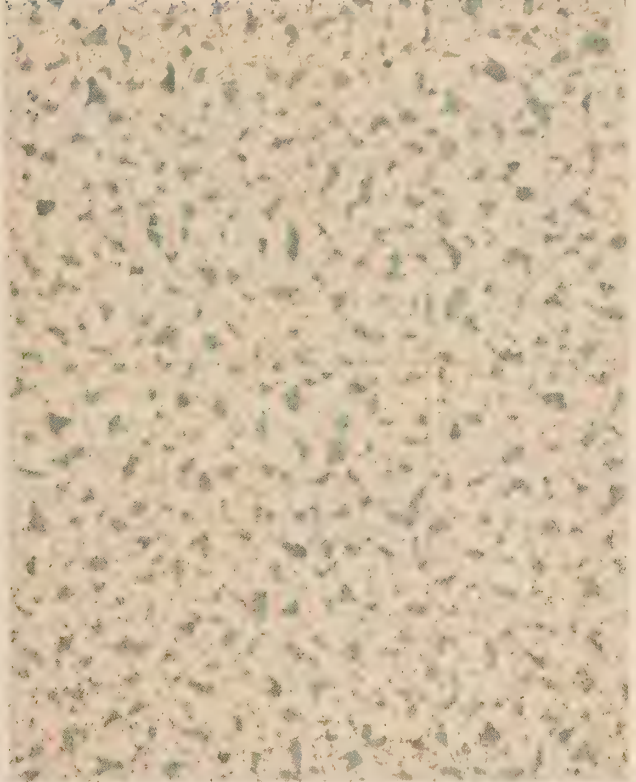
PRESTIGE • beige w/yellow & copper

8019



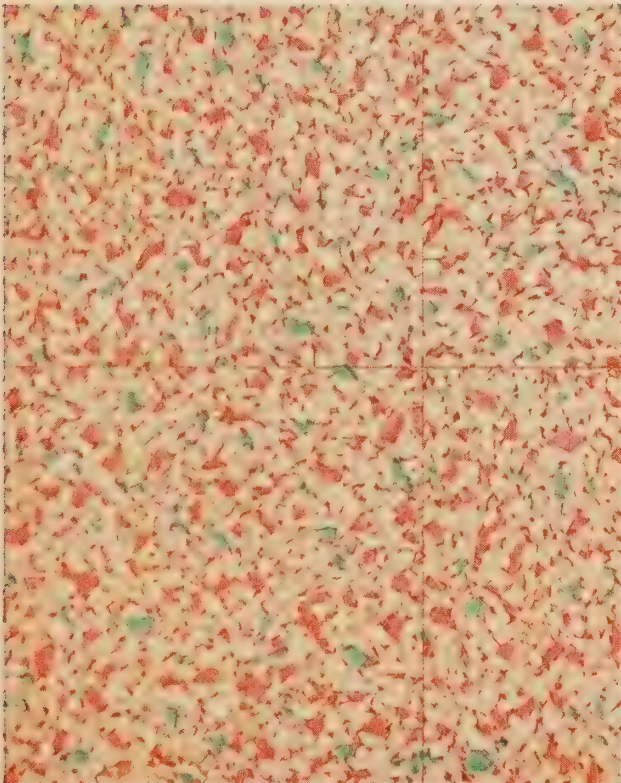
PRESTIGE • green monochromatic

8020



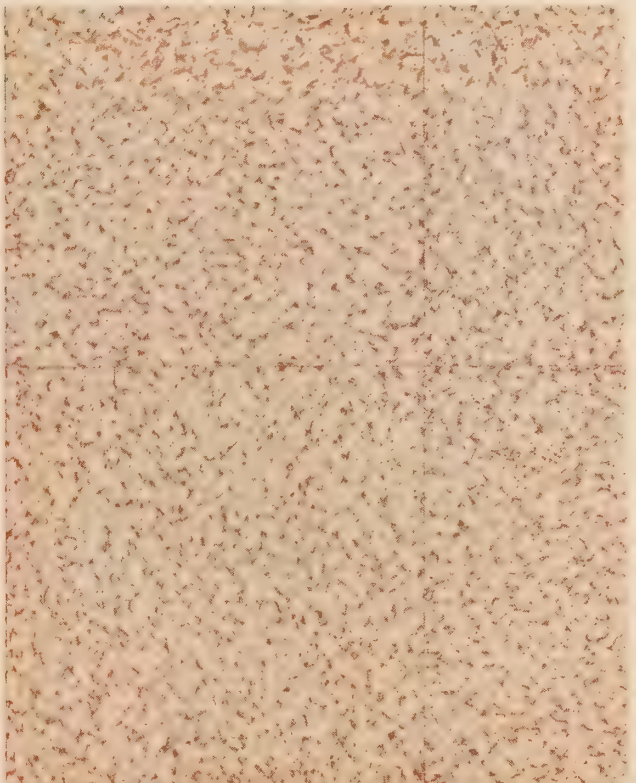
PRESTIGE • white w/blue & sparkle

8021



PRESTIGE • beige w/pink & turquoise

8022



PRESTIGE • white monochromatic & sparkle

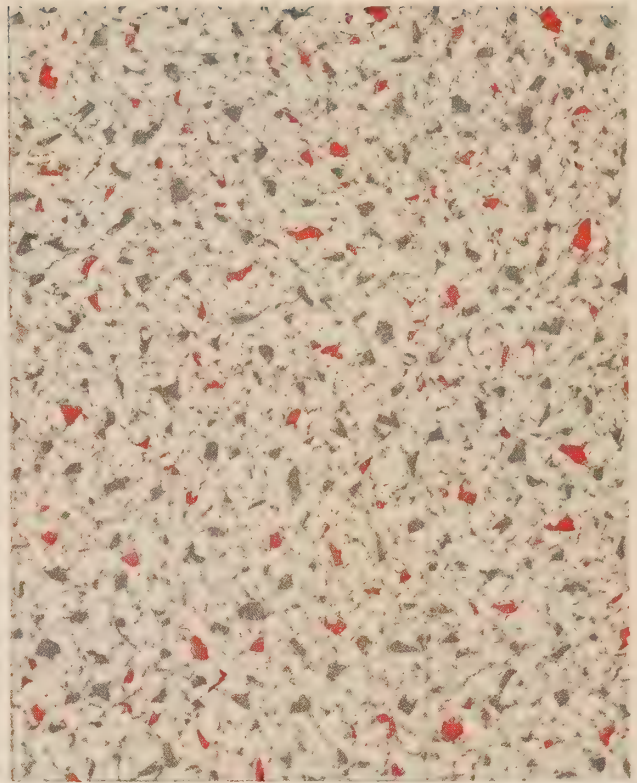
8023

VINYL CUSHIONFLOR



PRESTIGE • sand beige monochromatic

8024



PRESTIGE • gray w/red & sparkle

8025

WHICH FLOOR GOES WHERE

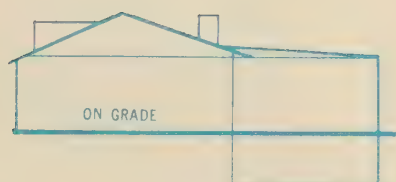
Many factors such as cost, color and design, degree of resiliency, etc. enter into making the best choice of a resilient floor. One of the most important factors—and properly the first to be considered—is the relation of the sub-floor to ground level or *grade*. Hence, floors are commonly classified as *below*, *on*, or *above* grade.

BELOW-GRADE



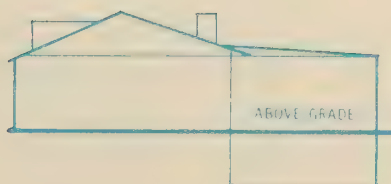
A typical example is the concrete basement floor. Such floors are in contact with the earth and subject to a destructive alkaline moisture condition at the surface. This is caused by ground moisture combining with alkaline salts in the concrete as it works its way upward. In such cases, special resilient floors and adhesives designed for the purpose should be used. Specify Solid Vinyl Tile, Vinylbest Tile, and Asphalt Tile.

ON-GRADE



This is a concrete slab laid at ground level. It is very much in evidence today in modern ranch-type homes and basementless schools and business establishments. Although alkaline moisture is not as prevalent here as with below-grade floors, it is still a possible hazard. Specify solid Vinyl Tile, Vinyl Asbestos Tile, Asphalt Tile, Inlaid Linoleum, (yd. gds. and tile), Wonderflor Vinyl Tile, Inlaid Vinyl Yard Goods. See detailed specifications for Yard Goods on grade.

ABOVE-GRADE



Typically a floor of wood or concrete suspended over a ventilated air space. Here moisture is no problem. Of course the floor surface should be smooth, dry and clean. Suspended concrete floors may be either standard construction, finished with a smooth cement topping; or solid slab construction, which should be smooth troweled (not float finished.) For above-grade wood or concrete floors, specify any of the previously mentioned products.

AFTER "GRADE" CONSIDER THESE 15 FACTORS

- Resiliency
- Comfort
- Quietness
- Residual Indentation
- Gauge
- Costs
- Dimensional Stability
- Resistance to Grease and Alkalies
- Light Reflectance and Gloss
- Thermo-Conductivity
- Electrical Conductivity
- Service Life
- Ease of Maintenance and Repair
- Moisture Problems
- Adhesives

RESILIENCY

From the standpoint of the consumer, resilience is perhaps one of the most important characteristics to be considered when specifying smooth surface flooring. Basically, resilience is a measure of the ability of a material to recover or return toward its original shape after an external load has been removed. Certain floor coverings such as rubber tile have what might be termed an "elastic memory" recovering its indentation almost entirely. Asphalt tile, on the other hand, is without this "memory" and shows virtually no recovery when subjected to heavy loads.

COMFORT

But to be truly resilient the flooring must also possess the ability to "give" under impact. This ability of the flooring to depress readily underfoot is a direct measure of personal comfort in walking. Thus the proper choice of flooring will aid in reducing fatigue of people who are required to be on their feet for long periods of time in the course of their work.

QUIETNESS

It should also be kept in mind that floors play an important part in the acoustics of rooms and corridors. Walking on floors generates sound in direct proportion to their hardness. This ability of a flooring to absorb impact sounds from walking or dropping objects is a measure of relative quietness. When an object is dropped on the floor, part of the noise is absorbed into the floor, part is transmitted through the floor, to the room below, and part is reflected back to the ear of the observer. The latter determines the degree of quietness of a floor.

Absorption of air borne noises by smooth surface flooring is negligible. This type of noise requires other absorbents such as acoustical ceiling tile, draperies, and upholstered furniture.

RESIDUAL INDENTATION

The inability of a flooring to recover from indentations caused by temporary pressures exerted by chairs, desks or other articles of furniture not protected with suitable furniture rests is termed residual indentation. Such irregularities cause the floor to become unsightly presenting a cleaning problem.

While most of the federal specifications for floor coverings have indentation requirements, the test methods employed in evaluating the various types of products differ with respect to load, dwell, size of the indenting medium, etc. Congoleum-Nairn's Research and Development Department has made studies of the various test procedures utilized by Government and Industry which have resulted in controlled laboratory tests to determine the maximum safe static load limits for each of the commercial-grade Congoleum-Nairn floors.

This chart represents Congoleum-Nairn's recommendation for maximum safe loads which may be applied to the floor without causing noticeable permanent indentations. Protective cups should be placed under heavy, infrequently moved furniture. Light movable furniture should be protected with flat-bearing, rounded edge glides not less than 1/8" in diameter. Where casters are required, they should be made with soft non-staining rubber and not less than 2" in diameter and 3/4" in width.



GAUGE

Under equal conditions of service and maintenance heavier gauge resilient floors will give longer wear. Indeed, in the early days of resilient flooring, gauge was considered all-important. Products were much thicker than they are now. For example, "Battleship" linoleum called for $\frac{3}{16}$ " gauge, or thicker. Actually it was even made in $\frac{1}{4}$ ", and even 8mm (0.315") to special order.

Now, however, due to modern, highly developed manufacturing methods and new and improved materials, resilient flooring can offer much greater wear resistance. Gauges, once regarded as too "light" are now considered completely satisfactory for most residential and commercial installations. In addition the trend of the times toward frequent redecorating has made durability a less important feature.

Of course gauge affects more than just service life. It influences appearance

and comfort too. The thicker the floor, the more effective it is in hiding sub-floor irregularities and the more handsome it appears. Greater thickness also means greater resiliency which increases quiet and comfort underfoot.

Gauge Selection

When selecting smooth surface floors specify light and standard gauges for light service areas only. Heavy gauge is required for most commercial installations because such floors are usually subject to concentrated traffic.

Because of the superior wear resistance of modern plastic materials, plastic floors can be made in thinner gauges, with durability that compares with linoleum in thicker gauges. A good example is the Inlaid Vinyls which equals the wear of heavier gauge linoleum.

GAUGE CHART

<i>Congoleum-Nairn Products</i>	<i>Commercial</i>	<i>Residential</i>
LINOLEUM - BURLAP BACK	.125 "	.125 "
LINOLEUM - FELT BACK—Std. gauge (Yd. Gds.)		.092 "
LINOLEUM - FELT BACK—Lt. gauge (Yd. Gds. & Tile)		.065 "
SOLID VINYL TILE Venetian & Commercial Spec Esteem	.125 " .080 "	.125 " .080 "
INLAID VINYL Saracen, Cosmopolitan, Marbelesque, Fashionaire, Americana, Westernaire		.070 " .065 "
WONDERTOP VINYL COVERING		.045 "
WONDERFLOR SOLID VINYL TILE		.050 "
VINYL ASBESTOS TILE	.125 "	.125 " and .063 "
ASPHALT TILE	.187 " and .125 "	.125 "
BULLETIN BOARD CORK E-Z Clean Face Sanded Type	.250 " and .125 " .250 " and .125 "	.125 " .125 "

COSTS

The installed cost of resilient floors varies widely. Of the many factors involved, price of the material is one of the most important. Material costs cover a wide range in accordance with the many types of products available—from asphalt tile to full-thick vinyls.

However, initial cost should not be the determining factor when considering cost of a floor. Cost per year—the total of all costs averaged out over the service life of the floor—gives a truer picture. Thus, while asphalt tile always shows the lowest initial cost, its cost

per year is often greater than that of higher priced products.

Gauge has direct bearing on the price of a resilient floor product. The thicker the gauge, the higher the price. Color and styling govern the cost, too. The lighter colors and more highly styled designs generally are in the higher price groups. And of course, it costs more to install personalized designs, detailed inserts, etc.

The chart below is a convenient guide to estimating installed prices of Congoleum-Nairn Floors:

APPROXIMATE INSTALLED PRICES OF CONGOLEUM-NAIRN FLOORS

NOTE: Minimum and Maximum prices based on quantities of 20 to 100 square yards in household commodities and 5000 square feet or more on commercial commodities.

PRODUCT	ESTIMATED INSTALLED PRICE PER SQ. FT.
SOLID VINYL TILE	
Venetian $\frac{1}{8}$ " Gauge	\$1.25 — \$1.50
Commercial Spec. $\frac{1}{8}$ " Gauge	.75 — .90
Esteem .080" Gauge	.70 — .85
INLAID VINYL	
Saracen	.85 — .90
Cosmopolitan	.75 — .80
Fashionaire	.60 — .65
Marbelesque	.50 — .55
Americana, Westernaire	.45 — .50
INLAID LINOLEUM	
$\frac{1}{8}$ " Gauge—Veltone	.55 — .65
$\frac{1}{8}$ " Gauge—Battleship	.40 — .50
Standard Gauge—Tangier, Monterrey, Ultima & Accent	.35 — .60
Light Gauge—Custombilt, Wood Hues Planks & Accents	.30 — .40
WONDERTOP	.50 — .55
WONDERFLOR VINYL TILE	
Parfait, Woodhue, Flagstone	.40 — .50
Marbletex	.35 — .45
Random Flagstone	.60 — .70
VINYL ASBESTOS TILE	
$\frac{1}{8}$ " Gauge (Feathervein, thru-style)	.55 — .65
$\frac{1}{16}$ " Gauge (Contempora, Sparklewood)	.35 — .45
$\frac{1}{16}$ " Gauge (Modernaire, Feathervein, Gala)	.30 — .40

(CHART CONTINUED)

PRODUCT	ESTIMATED INSTALLED PRICE PER SQ. FT.	
ASPHALT TILE		
$\frac{3}{16}$ " Gauge—D Group.....	.40 —	.50
$\frac{3}{16}$ " Gauge C Group.....	.35 —	.45
$\frac{3}{16}$ " Gauge—B Group.....	.30 —	.40
$\frac{1}{8}$ " Gauge—D Group.....	.30 —	.40
$\frac{1}{8}$ " Gauge—C Group, Corkette, Tweed Texture.....	.25 —	.35
$\frac{1}{8}$ " Gauge—B Group.....	.20 —	.30
BULLETIN BOARD CORK		
E-Z Clean — Plastic Sealed.....		*
Face Sanded.....		*
STATIC CONDUCTIVE LINOLEUM		
		†

* Contact Congoleum-Nairn Inc., Industrial Sales Dept., Kearny, N. J.
† " " " " Contract Sales Dept., " "

The above prices are average minimum and maximum, based on quantities of 20 to 100 square yards in household commodities, Standard and Light Gauge Linoleum, and Inlaid Vinyls. On commercial items, 1/8" linoleum, Nairon Custom, Asphalt, and Vinyl Asbestos Tile, quantities are 5000 square feet or more.

Prices are all based on installation, sin-

gle cement, over concrete underfloors. For installation over strip wood underfloors where lining felt and extra adhesive are required, add 5 cents per square foot.

All prices furnished are based on cost, plus profit, contract basis, including labor, adhesives, freight and handling. These selling prices are unrelated to retail selling prices where full markup is included.

EASE OF MAINTENANCE AND REPAIRS

One of the principal reasons for the growing popularity of resilient floors in residential, commercial and institutional buildings is *ease of maintenance*. With regular sweeping and occasional washing and waxing, resilient floors require little more care. For exceptionally rugged maintenance problems select from the product types that give outstanding resistance to abrasion, moisture, chemicals and greases.

Ease of maintenance provides savings in

labor and materials over other types of floors. And a resilient floor is never "out of service" for cleaning purposes—an important factor in commercial, institutional and industrial installations.

Resilient floors also have the advantage of being easier to repair. Should a section of floor be accidentally damaged, it can be replaced at much lower cost than would be possible with hard wood, terrazzo or carpet. This is true for both tiles and sheet goods.

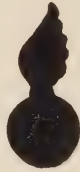
ELECTRICAL CONDUCTIVITY

**CONGOLEUM-NAIRN
STATIC CONDUCTIVE LINOLEUM
MEETS THE SPECIFICATIONS OF:**



**Underwriters
Laboratories
Approved**

U. S. Army Ordnance

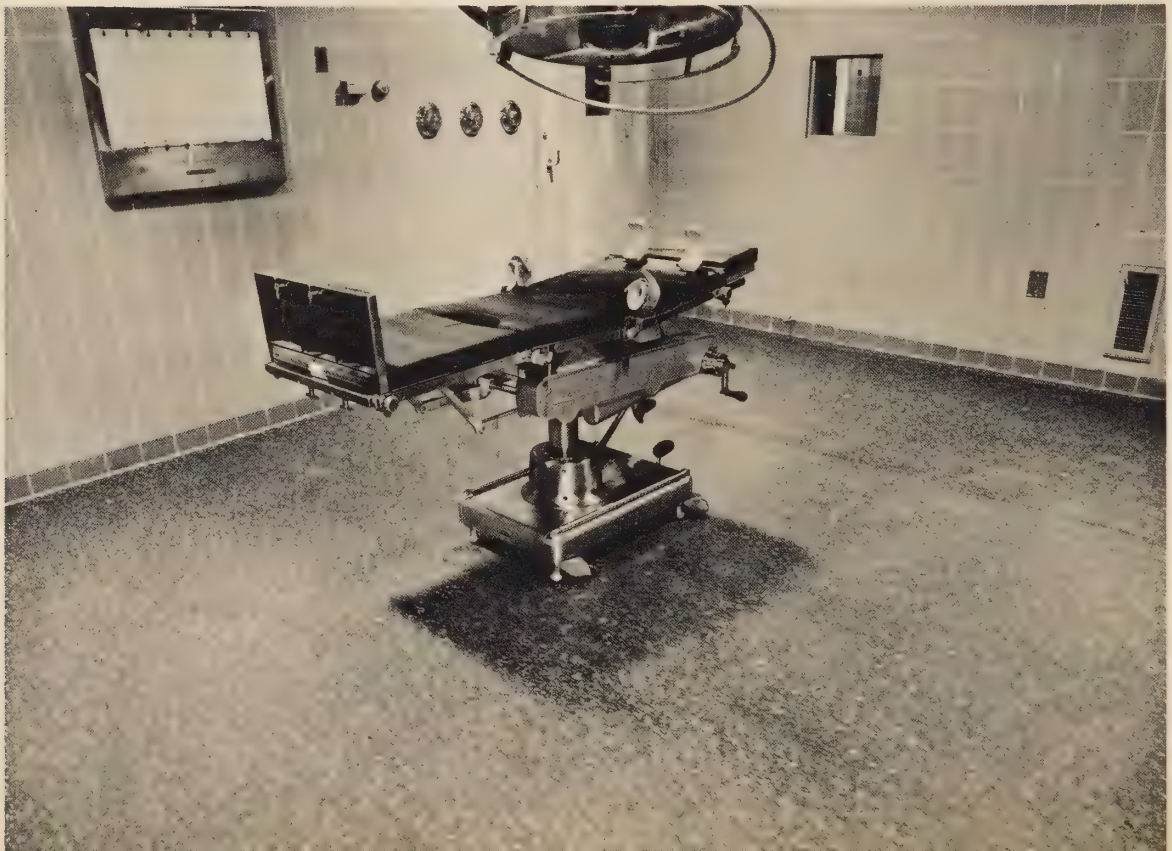


**National
Fire Protection
Association**

Certain areas, such as surgical wards, arsenals, and powder plants require electrically conductive floors to dissipate static electricity—a dangerous explosive hazard. In this regard, it is important to note that in addition to the requirement for maximum resistance there is also a specified minimum resistance. This requirement is essential to protect personnel against shock which might be caused by the shorted flow of electricity from lighting or power circuits.

The architect has a special product type at his disposal in famous Congoleum-Nairn Static Conductive Linoleum. This exclusive conductive, non-sparking linoleum product has been installed all over the country.

Static Conductive linoleum is made in two types . . . "U" series for hospitals. Approved by the Underwriters' Laboratory, Inc., and fully meets the National Fire Protection Association requirements. "G" series for arsenals, powder plants and other commercial areas which fully meets the specification of the U. S. Ordnance Department Safety Bulletin for electrical conductivity.



RESISTANCE TO GREASE AND ALKALIES

Resilient floors can encounter grease and alkalies from these three sources:

1. A common source is accidental spillage of liquids or solids containing grease or alkali. In this case, where contact with the floor is usually brief due to prompt clean-up of spills, damage to the floor is minimized or completely eliminated. Of course, if the floor has been properly maintained with a wax film over the surface, spills are removed so much easier and so much more completely.
2. A greater problem occurs where there is a slow accumulation of grease or alkali on the floor over an extended period of time. This can happen in a kitchen where there is entrainment of cooking vapors on the floor. Another cause is faulty maintenance: where cleaning materials are not properly removed by adequate rinsing; or where the wrong cleaning materials are used.
3. The most serious alkali problem is alkaline moisture in on-grade and below-grade concrete slabs. To solve it satisfactorily the architect should insist upon the following:
 - a) *Selection of a product that gives adequate resistance to alkaline moisture.*
 - b) *Installation according to specifications for materials and procedure.*

Knowing the sub-floor and the projected usage for the finished floor, the architect can easily specify the product that will give the most satisfactory service under any or all of these three conditions. The chart below tells at a glance the relative resistance ratings of Congoleum-Nairn Products.

RESISTANCE RATINGS OF CONGOLEUM-NAIRN FLOORS TO GREASE • ALKALIES • ACIDS AND SOLVENTS

MATERIAL	GREASE	ALKALI	ACIDS	SOLVENTS
LINOLEUM	VERY GOOD	FAIR	GOOD	GOOD
VINYLS*	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT
VINYLBEST	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT
ASPHALT TILE	POOR	EXCELLENT	GOOD	POOR

*Poly Vinyl Chloride

THERMAL PROPERTIES

Thermal properties of the various types and gauges of resilient flooring are important when considering design characteristics of radiant heated subfloors. Thermal conductivity and thermal conductance factors listed in the following table represent average values of the various Congoleum-Nairn floorings. These values were derived in accordance with the procedure listed in Military Specification MIL-I-16923D employing a Cenco-

Fitch apparatus. Congoleum-Nairn floorings may be installed on properly constructed subfloors containing a radiant heating system providing such heating system is designed and operated so that the surface temperature of the subfloor does not exceed 100°F. at any point. Installation procedures and adhesives used shall be in accordance with Congoleum-Nairn Installation Specifications Bulletin.

THERMAL PROPERTIES OF CONGOLEUM-NAIRN FLOOR COVERINGS

Material	Nominal Gauge	Thermal Conductivity K Factor**	Thermal Conductance C Factor***
INLAID VINYL			
Saracen	.075	1.15	15.6
Cosmopolitan	.070	1.86	26.6
Marblesque	.070	1.53	20.2
Americana-Fashionaire	.065	2.26	34.9
Westernaire	.065	1.42	21.8
LINOLEUMS			
Viking-Veltone	.125	2.29	18.1
Battleship	.125	2.10	16.8
Tangier-Monterrey	.090	1.21	14.1
Ultima-Accent	.090	1.21	14.1
SOLID VINYL			
Venetian-Commercial Spec	.125	4.91	39.3
Esteem	.080	4.91	61.5
Wonderflor	.050	2.18	43.6
TILE			
Vinyl Asbestos	.125	6.99	55.4
Vinyl Asbestos	.063	6.99	110.1
Asphalt	.125	5.64	45.1
Asphalt	.187	5.64	32.0

**K Factor = BTU/hr./sq. ft./°F/inch

***C Factor = BTU/hr./sq. ft./°F for the nominal product thickness.

LIGHT REFLECTANCE AND GLOSS

The properties of light reflectance and gloss have become increasingly more important to the architect with the advent of new surface treatments and the trend toward lighter, brighter colorations in today's construction boom.

The term *light reflectance* is defined as the percentage of total light falling on a surface which is reflected back to the eye of the observer. Reflectance of Congoleum-Nairn RESILIENT floors, as measured by the Hunter Multi-Purpose Reflectometer using a standard light source, is not influenced by the nature (smoothness) of the surface, but is dependent upon color of the surface. Pure white, the highest reflective value, is rated 100; pure black, the lowest reflective value, is rated zero. Reflectance thus refers to the lightness or darkness of any given color or combination of colors having specific reflective value falling between the extremes of black and white. Obviously,

the reflectance of marble or multi-colored patterns will vary depending upon the distribution and amount of the different decorative colors falling within the area of measurement. The reflectance values listed on pages 12 and 13 are average values over areas representative of the average color in the pattern tested.

Gloss is a particular kind of reflectance measurement (sometimes referred to as "specular reflectance") and is defined as the percentage of total light falling on a surface which is reflected back to the eye of the observer, providing the angle from which the measurement is made is exactly equal to the angle of incident light.

In Fig. 1, we show that reflectance is influenced by color only and is independent upon surface smoothness. Conversely, Fig. 2 illustrates that gloss depends entirely on surface smoothness.

Fig. 1
Reflectance

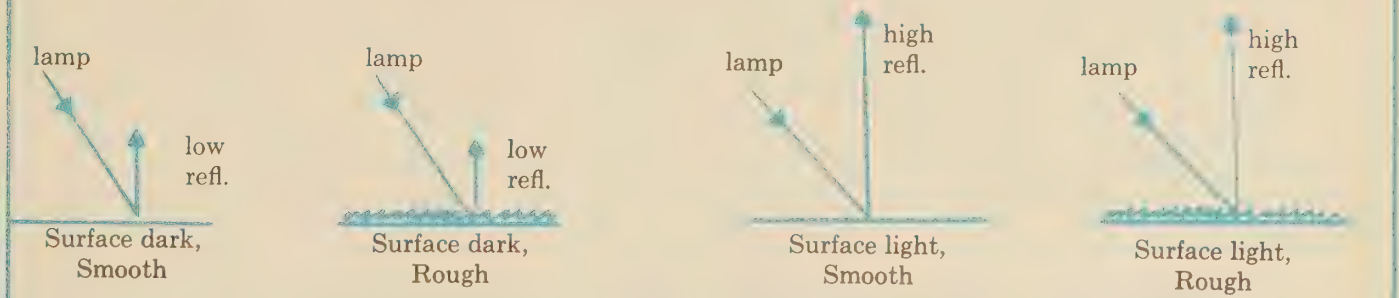
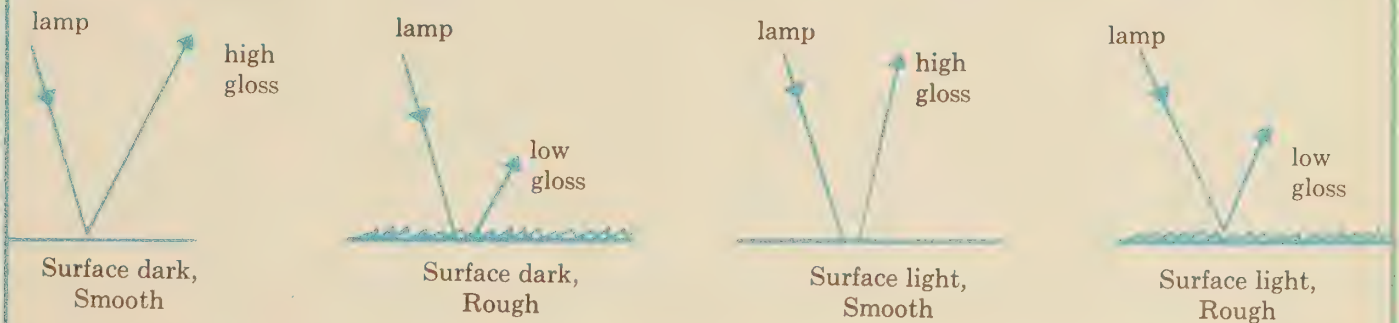


Fig. 2
Gloss



GLOSS RATINGS OF
CONGOLEUM-NAIRN RESILIENT FLOORS

PRODUCT	GLOSS FACTOR*	PRODUCT	GLOSS FACTOR*
NAIRON CUSTOM TILE	50 - 70	LINOLEUM	- 50
INLAID VINYL	45 - 70	VINYL ASBESTOS	50 - 65
WONDERFLOR	45 - 65	ASPHALT	50 - 65

*The higher the number, the higher the gloss.

Percent Light Reflectance	LINOLEUM							VINYLBEST					SOLID VINYL TILE		
	COMMERCIAL— 1/8" GAUGE BURLAP BACK			RESIDENTIAL—STD. & LT. GAUGE FELT BACK				COMMERCIAL AND RESIDENTIAL					COMMERCIAL AND RESIDENTIAL		
	VELTONE VIKING	BATTLESHIP	STATIC CONDUCTIVE	ULTIMA	MONTERREY TANGIER	ACCENT	CUSTOMBILT	FEATHERVEINED	SPARKLEWOOD	THRU-STYLE	GALA MODERNAIRE	CONTEMPORA	1/8" SOLID VINYL VENETIAN	1/8" SOLID VINYL COMMERCIAL SPEC	ESTIMATE
70 - 60				1804	1870					VA80		VA561 VA567	5267 5268 5269 5270	5602	5421, 5 5423, 5 5425, 5 5427, 5 5430
60 - 50	1101 1105			1805 1811	1860 1863 1865 1866 1868 1882 1885 1887 1888	1830 1832 1833 1835 1836 1837		VA12, VA612 VA28, VA628 VA33, VA633 VA36, VA636 VA48, VA648 VA51, VA651 VA53, VA653	VA511 VA515	VA70 VA72 VA77 VA83 VA85	VA522 VA524 VA527 VA542 VA545 VA547 VA549 VA550 VA551 VA552 VA553 VA554	VA560 VA562 VA563 VA564 VA566 VA568 VA569 VA570	5259 5261 5263 5265		
50 - 45	V980			1803 1812 1813	1880 1884	1831	27	VA50, VA650 VA55, VA655			VA531		5257 5258	5601	
45 - 40	1100 1102					1834		VA30, VA630 VA647	VA514		VA520 VA533 VA548		5254 5256	5606	542
40 - 35	V927 1104				1862			VA43, VA643, VA45, VA645	VA512 VA516 VA519	VA76 VA82	VA540 VA546	VA565	5251	5604 5605 5607	
35 - 30	V999 1106			1810	1883 1886		21 24	VA27, VA627 VA32, VA632 VA34, VA634 VA49, VA649 VA684	VA518	VA71 VA73 VA78 VA81 VA84					
30 - 25	V914 1103 1107				1881		25 28 29	VA31, VA631, VA37, VA637, VA38, VA638, VA39, VA639	VA510	VA75 VA79			5255	5603	
25 - 20	V900 V903 V943 V974						23	VA685 VA44, VA644 VA52, VA652 VA54, VA654			VA535				
20 - 15							22 30	VA26, VA626			VA536		5266		
15 - 10		1000 1003 1005	CL8 CL9				31	VA29 VA629					5264		
10 - 05	V959	1001 1002	CL10		1869		26	VA11 VA611							
05 - 00			CL5								VA541		5262		

INLAID VINYL FELT BACK					SOLID VINYL TILE		ASPHALT	BULLETIN BOARD DESK TOP				Percent of Light Reflectance
RESIDENTIAL					RESIDENTIAL		COMMERCIAL AND RESIDENTIAL	COMMERCIAL AND RESIDENTIAL		COMMERCIAL AND RESIDENTIAL		
COSMO- POLITAN	FASHIONAIRE MARBELESQUE	SARACEN	AMERICANA	WESTERNAIRE	WONDERFLOR	WONDERTOP		E-Z CLEAN PLASTIC SEALED	FACE SANDED	2 MM. GAUGE	3 MM. GAUGE	
	6020 6022 6023 6025		2511	2531 2533 2534		3070 3073						OVER 70
6215 6217 6218 6219	6024		2500 2502 2503 2505 2512	2526 2529 2537	VB58 VB102 VB105 VB107 VB110	3061 3066 3071 3072						70 - 60
6206 6220	6021 6031 6033 6035 6039	7200 7202 7203 7204 7206 7207 7211	2501 2504 2513	2527 2535 2536	VB31 VB37 VB32 VB38 VB33 VB39 VB34 VB41 VB35 VB100	3062 3064						60 - 50
6210	6037 6038			2525 2528	VB40 VB104							50 - 45
6222					VB36		MK112					45 - 40
		7201 7205 7209			VB52 VB101 VB108	3063	MD72 MD77 MD76 MD80		BC12	1729		40 - 35
6231		7210			VB50 VB111		MD78 MC54 MK113 MK115		BC6	1728		35 - 30
							MC38 MC40 MC39 MC42 MK104 MK114		BC10	1728		30 - 25
					VB42 VB51		MC37 MC41 MK105	BC5 BC7 BC9 BC13	BC8			25 - 20
		7208			VB57 VB106 HR263		MC35 MK106	BC17	BC2			20 - 15
					VB53 VB55 VB56 VB103		MC31 MC44				1701F 1707F	15 - 10
							MB12 MB17 MC32 MC35 MB55			1724 1730	1701F 1707F	10 - 05
					VB109		MB15 MB19				1702F 1705F	05 - 00

TABLE OF PROPERTIES — CONGOLEUM-NAIRN FLOORS AND WALLS

FLOORING	DIMENSION	GAUGE*	WEAR LAYER THICKNESS	MAXIMUM STATIC LOAD LIMITS ♦ Lbs. Per Sq. In.	GRADE LEVEL USE	Thermal Conductivity K Factor**	Thermal Conductance C Factor***	RELATIVE COMFORT VALUE	RELATIVE QUIETNESS VALUE
LINOLEUM									
1/8" gauge—Burlap Back	6' yd. goods	.125"		200	Above—On†	2.29	18.1	Excellent	Good
1/8" gauge—Battleship	6' yd. goods	.125"		200	Above—On†	2.10	16.8	Excellent	Good
Static—Conductive	6' yd. goods	.125"		200	Above—On†	2.2	16.8	Excellent	Good
Std. gauge—Felt Back	6' yd. goods	.090"	.050"	75	Above—On†	1.21	14.1	Good	Good
Lt. gauge—Felt Back	9" x 9" 6' yd. goods	.063"	.021"	75	Above—On†	1.21	14.1	Good	Good
INLAID VINYL									
Cosmopolitan	6' yd. goods	.070"	.030"	75	Above—On†	1.15	26.6	Good	Good
Fashionaire (W. S. Backing)	6' yd. goods	.063"	.023"	75	Above—On†	2.26	34.9	Good	Good
Americana, Westernaire	6' yd. goods	.063"	.021"	75	Above—On†	1.42	21.8	Good	Good
Marbelesque	6' yd. goods	.070"	.030"	75	Above—On†	1.53	20.2	Good	Good
Saracen	6' yd. goods	.075"	.035"	75	Above—On†	1.15	15.6		
LINOLEUM TILE									
Custombilt—Felt Back	9" x 9"	.065"	.022"		Above	1.21	14.1	Good	Good
Accent—Felt Back	9" x 9"	.063"	.021"		Above	1.21	14.1	Good	Good
SOLID VINYL TILE									
Venetian	9" x 9" 12" x 12"	.125"		300	Above— On—Below	4.91	26.4	Good	Fair
Commercial Spec	9" x 9"	.125"		300	Above— On—Below	4.91	39.3	Good	Fair
Esteem	9" x 9"	.080"			Above— On—Below	4.91	61.5	Good	Fair
WONDERFLOR									
	9" x 9" 12" x 12"	.050"		150	Above— On—Below	2.18	43.6	Good	Good
VINYL ASBESTOS									
	9" x 9"	.125" .063"		100	Above— On—Below	6.99	55.4 110.1	Poor	Poor
ASPHALT									
	9" x 9"	.187" .125"		40	Above— On—Below	5.64	45.1 32.0	Poor	Poor
WONDERTOP									
	30", 36" & 42" wide	.045"	.022"	—	Wall, Counter Work surfaces	—	—	Excellent	Excellent
BULLETIN BOARD CORK									
	73" & 49" wide	.250" .125"		—	Wall	—	—	—	—
DESK TOP LINOLEUM									
	72 1/2" wide	3 mm 2 mm	.070" .045"	—	Desk Tops	—	—	—	Good

♦ lbs. per sq. in. on 1 1/8" Stat Bearing Surface

■ Surface Resistance

* Gauge—Heavy—1/8"—.125"; Standard—29/32"—.090"; Light—1/16"—.0625".

**K Factor = BTU/hr./sq. ft./°F/inch

***C Factor = BTU/hr./sq. ft./°F for the nominal product thickness.

‡ Household cleaning fluid, kerosene, gasoline, etc.

† See Congoleum-Nairn Specifications for On-Grade Installation.

△ Contact Congoleum-Nairn Inc. Sales Dept., Kearny, N. J.

TABLE OF PROPERTIES — CONGOLEUM-NAIRN FLOORS AND WALLS

GREASE RES. ■	ALKALI RES. ■	ACID RES.	SOLVENT # RES.	GLOSS RANGE	REFLECTANCE RANGE	APPROX. INSTALLATION PRICE PER SQ. FT.	RECOMMENDED FLOOR USE	FEDERAL SPECIFICATIONS
Very Good	Fair	Good	Good	25-40	20-50	\$.55-.65	Residential, Commercial Institutional	LLL-L-367 (3)
Very Good	Fair	Good	Good	10-25	05-15	.40-.50	Commercial, Institutional	LLL-L-351B (1)
Very Good	Fair	Good	Good	10-25	05-15	△	Commercial, Institutional	LLL-L-367 (3)
Very Good	Fair	Good	Good	35-50	35-70	.35-.60	Residential	LLL-F-471 (1)
Very Good	Fair	Good	Good	35-50	40-60	.30-.40	Residential	LLL-F-471 (1)
Excellent	Excellent	Excellent	Excellent	40-55	50-70	.75-.80	Residential	L-F-00475 (INT)
Excellent	Excellent	Excellent	Excellent	45-70	60-75	.60-.65	Residential	L-F-00475 (INT)
Excellent	Excellent	Excellent	Excellent	45-70	50-75	.45-.50	Residential	L-F-00475 (INT)
Excellent	Excellent	Excellent	Excellent	45-70	45-75	.50-.55	Residential	L-F-00475 (INT)
				55-70	35-60	.85-.90		L-F-00475 (INT)
Very Good	Fair	Good	Good	35-50	15-35			LLL-L-471 (1)
Very Good	Fair	Good	Good	35-50	40-60			LLL-L-471 (1)
Excellent	Excellent	Excellent	Excellent	50-70	35-70	1.25-1.50	Residential, Commercial Institutional	L-T-00450 (INT)
Excellent	Excellent	Excellent	Excellent	50-70	35-70	.75-.90	Residential, Commercial Institutional Residential	L-T-00450 (INT)
Excellent	Excellent	Excellent	Excellent	50-70	30-70	.70-.85	Residential, Commercial	Not Applicable
Excellent	Excellent	Excellent	Excellent	45-65	05-70	.45-.55	Residential	None
Excellent	Excellent	Excellent	Excellent	50-65	00-60	.55-.65 .35-.45	Residential, Commercial Institutional	L-F-00345 (INT)
Poor	Excellent	Good	Poor	45-65	00-40	.30-.50 .20-.40	Residential, Commercial Institutional	SS-T-306b
Excellent	Excellent	Excellent	Excellent	65-80	35-70	.60-.65	Residential, Commercial	None
—	—	—	—	—	15-40	△	Residential, Commercial Institutional	MIL-C-15116B
Very Good	Fair	Good	Good	00-10	00-40	△	Residential, Commercial Institutional	LLL-L-354B

◆ lbs. per sq. in. on 1 1/8" Stat Bearing Surface

■ Surface Resistance

* Gauge—Heavy—1/8"—.125"; Standard—29/32"—.090"; Light—1/16"—.0625".

** K-Value—B.T.U./hr./sq. ft./°F./1 inch thickness.

*** B.T.U./hr./sq. ft./°F.

Household cleaning fluid, kerosene, gasoline, etc.

† See Congoleum-Nairn Specifications for On-Grade Installation.

△ Contact Congoleum-Nairn Inc. Sales Dept., Kearny, N. J.

MOISTURE PROBLEMS

The widespread popularity of slab construction plus the growing trend toward utilization of basement areas for family living space have made a knowledge of moisture problems in concrete floors, and the means for dealing with them, increasingly important. Thus, significant developments such as new alkali resistant sheet vinyl backings, homogenous vinyl tiles and improved adhesives merit the architect's close attention.

Almost without exception, flooring failures such as bleed, softening, curl and expansion are attributable to a loss of adhesion caused by water. De-

fective plumbing, excessive flooding, residual water in slabs and entry of water from the ground via capillary action and vapor differential are common offenders. To stop water problems before they start, insist on membrane waterproofing specifications and proper drainage in all new construction. Such relatively minor investments in an "ounce of prevention" will pay big dividends in the form of long and satisfactory service from resilient floors.

Floor covering specifications depend upon three types of moisture conditions:

1. CONCRETE SUB-FLOORS

Suspended concrete—No problem here if the concrete floor has been well dried. This is easily determined by testing.* Specify any of the following: Linoleum Tile and Yard Goods, Solid Vinyl Tile, Inlaid Vinyl Yard Goods, Wonderflor Vinyl Tile, Vinyl Asbestos Tile, Asphalt Tile.

On-grade and below-grade concrete—Though slabs may appear perfectly dry at times, some moisture must be presumed, since the ground in any area will be moistened by rain at some time during the year. This moisture migrates upward, becoming alkaline

as it passes through the concrete slab. Consequently, excellent resistance to alkaline chemicals and moisture is required in floor coverings. On below-grade floors, specify Vinyl Asbestos Tile, Solid Vinyl Tile or Asphalt Tile. For on-grade floors specify any of the following floors: Solid Vinyl Tile, Vinyl Asbestos Tile, Wonderflor Vinyl Tile, Asphalt Tile and Fashionaire Vinyl. If a membrane waterproofing has been installed according to manufacturer's specifications, "On-Grade Concrete" specification is available upon request, for the installation of Inlaid Linoleum and Inlaid Vinyl Yard Goods.

2. WOOD SUB-FLOORS

All wood floors must be suspended for satisfactory performance. When suspended over a living area, there is no moisture problem. A crawl space at least 18" high with adequate cross ventilation is required to allow excessive moisture to escape. Its retention

will result in rotting and warpage of the sub-floor and serious damage to the floor above. Specify: Linoleum Tile and Yard Goods, Solid Vinyl Tile, Inlaid Vinyl Yard Goods, Wonderflor Vinyl Tile, Vinyl Asbestos Tile, Asphalt Tile.

3. SURFACE MOISTURE

In areas of excessive spillage (laundry rooms, etc.) moisture will accumulate, enter floor seams and attack the adhesive. For best water resistances specify: Solid Vinyl, Vinyl Asbestos, and Asphalt Tile. Congoleum-Nairn #350

Adhesive is specially formulated for this type of installation with Solid Vinyl Tile. Vinyl Asbestos and Asphalt are installed with All Purpose Emulsion SU-33 (Asphalt type cement) under these conditions.

*Congoleum-Nairn has the exclusive Concrete Moisture Detector Kit

†Below-grade installations use Chemical Set Adhesive (SU-31)

CONGOLEUM-NAIRN ADHESIVE CHART

For additional information on the use of Congoleum-Nairn Adhesives, see Congoleum-Nairn Installation Specification Book.

INSTALL ON	CONCRETE ABOVE GRADE (Suspended)	CONCRETE ON-GRADE	CONCRETE BELOW-GRADE	SUSPENDED PLYWOOD	SUSPENDED STRIPWOOD	PLASTER *	GYPSUM WALLBOARD *	SINK COUNTER TOP
LT. & STD. INLAID LINO. 6' WIDE CLEAR CUSHION BACK	SU-22†**	■	Not Recommended	SU-22†	SU-22†	SU-22△	SU-22△	SU-340
LT. INLAID LINO. 9" x 9" TILE SATURATED FELT BACK	SU-22†**	■	Not Recommended	SU-22†*	SU-22*†	SU-22△	SU-22△	Not Recommended
1/8" INLAID LINOLEUM BURLAP BACK	SU-22†**	■	Not Recommended	SU-22†	SU-22†	SU-22△	SU-22△	SU-340
INLAID VINYL 6' WIDE CLEAR CUSHION BACK	SU-22†**	■	Not Recommended	SU-22†	SU-22†	SU-22△	SU-22△	SU-340
INLAID VINYL 6' WIDE WHITE SHIELD BACK	SU-22†**	SU-340	Not Recommended	SU-22†	SU-22†	SU-22△	SU-22△	SU-340
WONDERTOP	Not Recommended	Not Recommended	Not Recommended	Not Recommended	Not Recommended	SU-22△	SU-22△	SU-340
SOLID VINYL TILE .125" & .080" GAUGE	SU-22†	SU-350	SU-31	SU-22†	SU-22*	SU-22	SU-22	Not Recommended
WONDERFLOR SOLID VINYL TILE	SU-330	SU-350	Not Recommended	SU-330	SU-330*	SU-330	SU-330	Not Recommended
ASPHALT TILE	SU-33 or SU-35	SU-33 or SU-35	SU-35 or SU-33	SU-33	SU-33*	Not Recommended	Not Recommended	Not Recommended
VINYL ASBESTOS TILE 1/8" & 1/16" (Without Radiant Heating)	SU-33 or SU-35	SU-33 or SU-35	SU-35 or SU-33	SU-33	SU-33*	Not Recommended	Not Recommended	Not Recommended
VINYL ASBESTOS TILE 1/8" & 1/16" (With Radiant Heating)	SU-33 or SU-35	SU-33 or SU-35	Not Usual	SU-350	SU-350	Not Recommended	Not Recommended	Not Recommended
VINYL CONGOWALL	Not Recommended	Not Recommended	Not Recommended	Not Recommended	Not Recommended	SU-22	SU-22	Not Recommended
LINING FELT SATURATED DUPLEX	Not Recommended	Not Recommended	Not Recommended	Not Recommended	SU-22	Not Recommended	Not Recommended	SU-340
RUBBER TOP SET COVE SET	SU-350	SU-350	SU-350	SU-350	SU-350	SU-350	SU-350	Not Recommended

* Residential Installations—Use Congoleum-Nairn Duplex Lining Felt (SU-11)
Lining felt to be adhered with SU-22 Green Label Paste

Commercial Installations—Use Congoleum-Nairn Saturated Lining Felt (SU-10)
Lining felt to be adhered with SU-22 Green Label Paste

** For Linoleum or Vinyl Yard Goods over Hard Tile or Terrazzo use SU-340 Adhesive.

- Old Construction—Clean Surface free of all materials removable by washing—allow to dry.
- New Construction—Porous Plaster and Wall Boards must be prime coated.
- Gloss—painted or enamel painted walls must be sanded with coarse sandpaper to provide satisfactory bond.
- Walls which are subject to extreme moisture conditions such as showers are not approved.

▲ On counter tops not exposed to moisture use Congoleum-Nairn Green Label Paste SU-22.

△ Recommended for sheet materials only—Pre-coat back with Green Label Paste SU-22—use smooth edge of trowel—allow to dry.

† Use SU-340 Adhesive with Linoleum or Vinyl Yard goods where increased moisture resistance is desired.

Use SU-350 Adhesive with all Tiles where increased moisture resistance is desired.

■ A specification is available for installation of this product on grade—See Congoleum-Nairn Installation Specification Book.

CONGOLEUM-NAIRN TILE CALCULATOR

Feet	18'	17'3"	16'6"	15'9"	15'	14'3"	13'6"	12'9"	12'	11'3"	10'6"	9'9"	9'	8'3"	7'6"	6'9"	6'
6'	192	184	176	168	160	152	144	136	128	120	112	104	96	88	80	72	64
6'9"	216	207	198	189	180	171	162	153	144	135	126	117	108	99	90	81	72
7'6"	240	230	220	210	200	190	180	170	160	150	140	130	120	110	100	90	80
8'3"	264	253	242	231	220	209	198	187	176	165	154	143	132	121	110	99	88
9'	288	276	264	252	240	228	216	204	192	180	168	156	144	132	120	108	96
9'9"	312	299	286	273	260	247	234	221	208	195	182	169					
10'6"	326	312	298	284	280	266	252	238	224	210	196	182					
11'3"	360	345	330	315	300	285	270	255	240	225	210	195					
12'	384	368	352	336	320	304	288	272	256	240	224	208					
12'9"	408	391	374	357	340	323	306	289									
13'6"	432	414	396	378	360	342	324	306									
14'3"	456	437	418	399	380	361	342	323									
15'	480	460	440	420	400	380	360	340									
15'9"	504	483	462	441	420	399	378	357									
16'6"	528	506	484	462	440	418	396	374									
17'3"	552	529	506	483	460	437	414	391									
18'	576	552	528	504	480	456	432	408									

To determine the number of tiles required for a given floor area, read across and down the columns closest to the room dimensions. The figure at which the readings cross gives the number of tiles for a floor of that size. (For example, an area 12' x 15'9" requires 336 tiles.)

All figures are for 9" x 9" tiles

PREPARATION OF UNDERFLOORS

The proper preparation of underfloors prior to laying resilient floors is the most important factor to be considered in installation procedure, for regardless

of expert workmanship, product or method of installation, *a resilient floor will be no smoother than the underfloor.*

SUSPENDED CONCRETE

Standard Construction—The structural concrete slab shall have a cement topping not less than 1½" thick, and a mix no leaner than 1 part of Portland Cement and 3 parts of clean screened sand and fine crushed stone. It shall be steel trowel finished to a smooth, plane surface. It shall be properly cured and satisfactorily dry.

Monolithic Construction—The concrete

floor slab shall be steel trowel finished to a smooth, plane surface. It shall be properly cured and satisfactorily dry. If curing preparations are used on the newly poured and finished surface, they must be of a type that can be removed by abrasion. Curing compounds of an oily or waxy nature are not satisfactory, and slabs so cured are not acceptable.

SUSPENDED TERRAZZO, CERAMIC TILE & METAL

These underfloors can be covered with resilient floors provided they are smooth, dry and free of oil, grease, dirt

or other foreign materials. Tile floors should contain no loose tiles or other large surface imperfections.

ON-GRADE CONCRETE

The on-grade concrete slab shall be constructed so that water or dampness will not penetrate it. This is accomplished by:

1. Laying a drainage pad of crushed stone, coarse gravel, or cinders at least 4" thick.
2. Pouring on this drainage pad a slab of concrete 4" minimum thickness. Care must be taken to prevent this concrete from penetrating into the drainage pad and thereby reducing the drainage feature.
3. Using a membrane between the drainage pad the concrete slab composed of an asphalt saturated felt or other waterproof paper lapped at the seams at least 6" or a double layer of this waterproofing material mopped be-

tween layers with hot tar or hot asphalt (or a suitable polyethylene film). Local conditions shall dictate whether a membrane is necessary and which membrane shall be used.

4. The concrete slab shall be properly cured and satisfactorily dry.
5. If curing preparations are used on the newly poured and finished surface they must be of a type that can be removed by abrasion. Curing compounds of an oily or waxy nature are not satisfactory and slabs so cured are not acceptable.
6. Concrete floors constructed as above and surfaced with terrazzo, or ceramic tile can be covered.

Ceramic and other tile floors shall be sound, containing no loose tiles or other large surface imperfections.

PREPARATION OF UNDERFLOORS Cont'd

WOOD UNDERFLOORS

New Floors—Above Grade:

The suspended wood underfloor shall be double construction according to the following requirements:

1. The lower boards shall be properly seasoned tongue and groove or shiplap lumber of nominal 1" thickness and not over 8" wide. These boards shall be laid diagonally over the joists and thoroughly face nailed.
2. The top wood shall be either:
 - a. Thoroughly dry and properly seasoned $\frac{3}{4}$ " tongue and groove lumber of not over $3\frac{1}{4}$ " face width laid at right angles to the joists and blind nailed with eight penny steel cut nails on 16" centers, or,
 - b. $\frac{1}{4}$ " plywood (good one side) nailed with #3 $1\frac{1}{4}$ " flathead, countersunk, cadmium plated, cement coated drive screw nails. Nail the boards, starting in the middle on 6" centers throughout the field and 4" apart at the edge, $\frac{1}{2}$ " in from the edge. Install plywood so that the joints between boards and resilient floor seams do not coincide.

New Floors—On-Grade:

Wood underfloors on-grade shall be constructed as above. They shall be at least 18" above the grade level and the space under the floor shall be properly cross ventilated.

New Floors—Below Grade:

This construction provides for the in-

stallation of linoleum in below grade areas such as basements with concrete floors. These concrete floors must have a dry appearance. Floors that are damp and moist are not satisfactory.

Sleepers not less than 2" x 2" shall be laid level, 16" on centers, fitted snugly between foundation walls in one direction and at a 90° angle to the direction of the stripwood flooring that is to be installed. No cross sleepers shall be installed as they would prevent air circulation required for proper ventilation.

The flooring shall be either:

1. Tongue and groove wood flooring $1\frac{3}{16}$ " thick and not over $3\frac{1}{4}$ " face width laid across the sleepers starting $\frac{1}{2}$ " away from the finished wall. This $\frac{1}{2}$ " clearance from the wall must be provided at both sides of the room parallel to the direction of the finished flooring to permit circulation of air under the floor. The floor boards shall be blind nailed at each sleeper with eight penny steel cut nails, or,
2. $\frac{3}{4}$ " resin bonder waterproof plywood face nailed to the sleepers every 6". Plywood joints parallel to the sleepers must fall on the center line of the sleeper and be nailed every 5".

Newly installed stripwood floors shall be sanded smooth and sealed immediately with a thinned shellac.

RADIANT HEATED FLOORS

Suspended and on-grade concrete, terrazzo, or ceramic tile and wood floors containing a radiant heating system are satisfactory, provided that the heating system is designed and operated so that the temperature of the uncovered floor does not exceed

100°F. at any point. Floors which are constructed with light weight concrete, in whole or in part, must be allowed to stand uncovered with the heating system in operation, until all the moisture is driven out of this material.

RESILIENT PRODUCTS FOR WALLS AND WORK SURFACES

Increasingly wider usage is being made of resilient coverings for walls, counter tops and bench tops. The materials from which the architect, builder and interior designer may choose include: plastics, linoleum, printed wall coverings, and Bulletin Board Cork.

PLASTICS

Congoleum-Nairn offers three varieties of vinyl plastic which may be installed on walls to beautify any room, all of which are extremely easy to maintain.

(1) Inlaid Vinyl yard goods 065" gauge, available in Americana, Fashionaire, and Westernaire . . . felt backed . . . a wide range of colors. (2) Inlaid Saracen, and Cosmopolitan, 6' wide yard goods also provides a beautiful wall covering, felt backed . . . sparkling colors 070" gauge. (3) Congoleum-Nairn Solid Vinyl Tile in either $\frac{1}{8}$ ", .080" or .050" gauges. A truly luxurious wall treatment offered in five designs, this product adds distinction to any area. Ideal for banks, reception rooms, and executive offices.

Congoleum-Nairn vinyl plastic may also be used as countertop material. Wondertop makes an easy to clean, resilient, long wearing sink, counter, and bench top. Wondertop is designed to color correlate with Congoleum-Nairn floor coverings. Popular 30", 36" and 42" widths, in nine colorings of two designs. Ideal for counters, sink-tops, splashboards and tables—as well as door facings, work area tops and wainscoting.

LINOLEUM

Congoleum-Nairn Linoleum yard goods provide an easy-to-clean and sanitary counter top and wall covering. May be used in light, standard, or $\frac{1}{8}$ " gauge in felt or burlap back. Ideal in any residential, commercial, or institutional area.

Congoleum-Nairn Desk Top Linoleum makes an exceptionally fine writ-

ing surface. Its dense, smooth surface is easy to clean and keep clean. Soft colors help control glare. .118" gauge—72½" wide, .080" gauge—63½" and 72½" wide.

PRINTED WALL COVERING

Congoleum-Nairn Vinyl Congowall is ideal for low cost remodeling. Made by the rotogravure process for greater brightness, gloss and smoothness, it gives long wear with little care. Vinyl Congowall comes in realistic tile effects and attractive decorator designs. Convenient 54" widths, patented felt backing provide for quick, easy installation. Particularly ideal for motels.

BULLETIN BOARD CORK

Congoleum-Nairn Bulletin Board Cork has been manufactured for almost half a century, and is the oldest and most proven bulletin board cork on the market. Now manufactured in two distinct types (1) the New—E-Z Clean Plastic Sealed Bulletin Board Cork and (2) the face sanded type. Many distinctive colors designed for light reflectance for restful vision and to reduce eye fatigue. For rugged use . . . The composition withstands thumbtack perforations and maintains its original appearance for years. A linseed oil binder provides a firm locking-in of cork and pigments . . . avoiding pickout.

Convenient handling and installation . . . Reinforced with a backing of the finest quality burlap, it can be handled and installed without cracking. Burlap also permits removal from the wall. Extra width rolls, 73" and 49", allow neater installations on standard size backing boards. Wall installations can be made up to 90 feet in length without a single seam.

For easy maintenance: Since Congoleum-Nairn Bulletin Board Cork colors are uniform throughout, maintenance is negligible. Warm water and mild soap is sufficient under normal circumstances.

A BRIEF OUTLINE TO AID ARCHITECTS AND SPECIFICATION WRITERS

THESE OUTLINES COVER INSTALLATION OF:

Linoleum — tile and by-the-yard, Flor-Ever Showcase, Cosmopolitan, Concept '70, Americana and Westernaire, Nairon Custom Tile, Wonderflor Vinyl Tile, Vinylbest Tile, and Asphalt Tile.

INTRODUCTION

The brief specifications following are set up to aid you in specifying Congoleum-Nairn floor covering for your future projects.

For complete unabridged installation specifications consult Congoleum-Nairn Installation and Specification Book; or write/contact the nearest Congoleum-Nairn office. (Addresses on p. 47.)

PRODUCT LOCATION AREAS

Below-Grade Floors

For below-grade installations, recommended floorings are: Congoleum-Nairn Vinyl Asbestos Tile, Asphalt Tile and Solid Vinyl Tile. Congoleum-Nairn floor products on felt backing such as, Inlaid Linoleum, and Inlaid Vinyls—Saracen, Fashionaire, Cosmopolitan, Americana and Westernaire in either tile or by-the-yard should not be installed on any floor below grade (except where ventilated wood floors are installed over wood sleepers in accordance with recommended practices).

On-Grade Floors

For on-grade installations, recommended floorings are: Congoleum-Nairn Vinyl Asbestos Tile, Asphalt Tile, Solid Vinyl Tile, Fashionaire and Wonderflor Vinyl Tile; Saracen, Cosmopolitan, Americana and Westernaire, and Inlaid Linoleum (tile and by-the-yard) are approved for on-grade installation if installed in accordance with Congoleum-Nairn specifications.

Above-Grade Floors

All Congoleum-Nairn products may be installed over above-grade floors of the approved type.

SPECIFICATION BRIEF

It is to your advantage to specify the material you require by the applicable federal specification in order to assure you are obtaining the highest possible quality material available.

FORMAT FOR FLOOR COVERING SPECIFICATIONS

The General Conditions of the Contract are a part of these specifications.

1. WORK INCLUDED

The contractor shall furnish all labor and materials required to complete all the resilient flooring and cove base work shown on the drawings, or herein specified, as follows:

- a. Linoleum — tile or by-the-yard, Inlaid Vinyls — Saracen, Cosmopolitan, Fashionaire, Americana and Westernaire, Nairon Custom Tile, Wonderflor Vinyl Tile, Vinyl Asbestos Tile, Asphalt Tile.
- b. Lining felt.
- c. Cleaning, waxing, and polishing of all work installed under this section of the specification.
- d. (number) samples 3"x3" of each color and type of resilient floor and base.
- e. Shop drawings of designs of custom floors.
- f. Guarantee.
- g. When asphaltic underlayment is being used, specify the use of Congoleum-Nairn Asphalt Tile or Vinyl Asbestos Tile — 1/16" or 1/8" gauge.

2. WORK EXCLUDED

- a. Install resilient floors only to, but not under, the base of cabinets, cupboards, and other built-in furniture.
- b. Underlayment (include when it is desired to have the installation of plywood as an underlayment under the carpentry contract).
- c. Heat and ventilation of at least 70°F shall be maintained in the area receiving the installation, including material being installed therein, for 24 hours prior to, during and for 24 hours after the installation is complete.

3. FLOORING MATERIALS

a. Linoleum shall be

1. Linoleum with saturated, clear felt, or burlap backing as manufactured by Congoleum-Nairn, or
2. first-quality material and composed of an oxidized oleo-resinous composition, pigments, and fillers and shall have

a supporting backing of (specify type). It shall be dense but resilient and highly resistant to abrasion.

b. Vinyl Plastic Flooring shall be

1. Saracen, Cosmopolitan, Fashionaire, Americana and Westernaire (sheet type), or Solid Vinyl Tile as manufactured by Congoleum-Nairn Inc., or
2. first-quality material composed of thermoplastic binder, fillers, and pigments. The thermoplastic binder shall consist of a polyvinyl chloride resin or a copolymer resin thereof, thoroughly blended with suitable plasticizers and stabilizers to form a dimensionally stable and resilient flooring. It shall be dense but resilient and highly resistant to abrasion. Sheet-type shall have a supporting back of (specify type). Homogeneous tile shall not have a supporting back. Tile shall be accurately cut with square edges. Commercial grade tile shall be capable of withstanding heavy furniture loads of 300 lbs. per square inch without exhibiting permanent indentation.
3. Vinyl Asbestos Tile as manufactured by Congoleum-Nairn Inc., or
4. first-quality material, 1/16" or 1/8" thick, composed of a thoroughly blended composition of thermoplastic binder, fillers asbestos fiber and pigments. The binder shall consist of a polyvinyl chloride resin or a copolymer thereof, thoroughly blended with suitable plasticizers and stabilizers. It shall be dimensionally stable, thoroughly resistant to alkali, grease, and oils and be fire resistant. Tile shall be uniform in thickness and accurately cut with square edges.

c. Asphalt Tile

Asphalt Tile shall be

1. Asphalt Tile as manufactured by Congoleum-Nairn Inc., or
2. first-quality material 1/8" or 3/16" thick and composed of a thoroughly blended composition of thermoplastic binder of the asphalt and/or resinous type, asbestos fibers, pigments, and fillers. Tile shall be uniform in thickness and accurately cut, with square, true edges.

FORMAT FOR FLOOR COVERING SPECIFICATIONS—Cont'd

4. COLORS, PATTERNS, AND SIZES

- a. (Always specify field and border color number to avoid confusion.)
 1. field colors shall be , border colors and widths shall be , or
 2. field and border colors and sizes shall be as shown on the Schedule of Finishes.
- b. Feature strips shall be
 1. inches wide and (color), or
 2. as shown on the Schedule of Finishes.

5. RUBBER TOP-SET COVE BASE

- a. Base shall be rubber $\frac{1}{8}$ " thick with molded top-set cove, preformed end stops, and external corners.

6. ADHESIVES

- a. See chart page 95. indicating all type of adhesives which correlate with proper Congoleum-Nairn products.

7. LINING FELT

- a. Lining Felt shall be
 1. Congoleum-Nairn SU10 Saturated Felt, or
 2. Congoleum-Nairn SU11 Duplex Felt, or
 3. as approved by Congoleum-Nairn Inc.

8. SAMPLES

- a. Architect must approve samples before job starts.
- b. Samples must be labeled, stating color, gauge, and location in which they are to be used, and the maker's name.

INSTALLATION

Note: For methods of installing resilient floors over different types of subflooring, refer to the latest Congoleum-Nairn Installation Specification Book.

1. Subfloor

- a. Install the resilient flooring on a subfloor of (state type) which this contractor shall inspect before starting work.
- b. Notify the architect in writing of any defects in the subfloor. Do not proceed until such defects have been corrected. Starting of work shall imply acceptance by this contractor of the subfloor.

2. Subfloor Preparation

- a. The subfloor will be delivered to this contractor broom clean, free of all foreign matter and thoroughly dry.
- b. Fill all cracks, expansion joints, etc., in concrete subfloors with a water resistant, non-shrinking, non-crumbling patching compound troweled to the proper level.
- c. New Stripwood subfloors should be primed with a brush coat of thinned shellac.

3. Laying

The resilient flooring must be installed in accordance with manufacturer's approved specification. All sheet goods, Linoleum or Vinyl, should be alternately reversed for better match of color and decoration.

*Refer to Adhesive Chart, page 95.

4. Other Subfloors

For subfloors not covered in this outline guide such as metal, ceramic tile, etc., contact your Congoleum-Nairn representative.

5. Installing Rubber Top-Set Cove Base

Firmly cement rubber cove base to wall with proper Congoleum-Nairn Adhesive.*

6. Cleaning and Waxing

Clean all flooring thoroughly in accordance with manufacturer's maintenance recommendations.

7. Guarantee

This contractor shall guarantee that all work executed under this section of the specification will be free from defect in material and workmanship, provided any such defect is brought to the attention of the contractor in writing within one year after completion of the work. Upon such notice, the contractor shall, at his own expense, make the necessary repairs or replacements of the defective work in question. The owner shall, however, be responsible for the removal and replacement of all fixtures and equipment attached to the surface on which the work will be done.

CARPENTRY AID SECTION

1. General

Wood subfloors shall be brought to a smooth, even surface a sufficient distance below the finished floor level to allow for the installation of the resilient flooring.

2. Single Strip Wood Subfloors

Single strip wood subfloors are not recommended or approved for the installing of Congoleum-Nairn products.

3. Double Wood Floors

a. New Floors — Above-grade

1. The lower boards shall be properly seasoned tongue and groove or shiplap lumber of nominal 1" thickness and not over 8" wide. These boards shall be laid diagonally over the joists and thoroughly face nailed.
2. The top shall be either:

- a. Thoroughly dry and properly seasoned $\frac{3}{4}$ " tongue and groove lumber of not over $3\frac{1}{4}$ " face width laid at right angles to the joists and blind nailed with eight penny steel cut nails on 16" centers, or with

- b. $\frac{1}{4}$ " plywood (good one side) nailed with #3 $\frac{1}{4}$ " flathead, countersunk, cadmium plated, cement, coated drive screw nails. Nail the boards, starting in the middle on 6" centers throughout the field and 4" apart at the edge, $\frac{1}{2}$ " in from the edge. Install plywood so that the joints between boards and the linoleum seams do not coincide. A - D repaired grade plywood as classified by the Douglas Fir Plywood Association is recommended.

b. New Floors — On-grade

Wood underfloors on-grade shall be constructed as above. They shall be at least 18" above the grade level and the space under the floor shall be properly ventilated.

FORMAT FOR FLOOR COVERING SPECIFICATIONS—Cont'd

c. New Floors — Below-grade

For new floor construction below-grade, refer to the latest Congoleum-Nairn Installation Specification Book and/or contact Kearny, N. J. for details.

NOTE: Newly installed stripwood floors shall be sanded smooth and sealed immediately with a thinned shellac.

4. Repairing Old Wood Floors

Existing floors throughout (specify areas) shall be repaired as follows:

1. Fill cracks, knots, holes, voids, etc. with a water resistant,

non-shrinking, non-crumbling patching compound and troweled to the proper level.

2. Replace defective boards with new material.

3. Renail boards where necessary to make secure.

5. Baseboards

Extend all wood baseboards or plinths to the subfloor. Where flash type cove base is specified, install wood nailing strip in the wall as specified and flush with finished walls.

6. Scraping and Sanding

Scrape or sand all uneven areas in the wood flooring to make suitable for application of the resilient flooring.

MASONRY AID SECTION

1. The surface of all concrete floors (specify areas) shall be steel troweled to a smooth, plane surface, free from expansion joints, scale or foreign deposits. The concrete slabs shall be properly cured and satisfactorily dry.
2. To determine whether concrete slabs are satisfactorily dry, moisture testing equipment is available by contacting your nearest Congoleum-Nairn office or Kearny.
3. For the installation of vinyl plastic sheet goods and lino-

leum (tile and sheet type) on grade, concrete floors shall be constructed so as to receive Congoleum-Nairn's approval. Contact your nearest Congoleum-Nairn office or Kearny for detailed specifications and approval.

4. Suspended or on-grade concrete containing a radiant heating system are satisfactory, provided that the heating system is designed and operated so that the temperature of the uncovered floor does not exceed 100°F.

PLASTERING AID SECTION

1. All plastering on walls (specify areas) shall be made smooth, even, and free from imperfections and shall be carried to the subfloor.

2. All wall boards, such as U. S. Gypsum Recessed Edge Sheetrock, shall be installed according to the manufacturer's specifications.

BRIEF SPECIFICATIONS FOR WALLS

These outlines cover installation of Congoleum-Nairn Inlaid Linoleum (Burlap or Felt Backed), Vinyl Plastic (sheet style) Vinyl Plastic Tile.

BRIEF OUTLINE TO AID

Furnish and install Congoleum-Nairn Inlaid Linoleum (Burlap or Felt Backed), Vinyl Plastic (Sheet Style), Vinyl Plastic Tile in colors, patterns and design as herein specified, on the areas listed below, or where shown on the accompanying drawings. (List areas here.) All products covered by these specifications are to be installed in accordance with the latest edition of Congoleum-Nairn specifications by a qualified Congoleum-Nairn contractor whose bid shall include all the labor and materials required.

Note: No Congoleum-Nairn product may be installed on walls in shower stalls or tub recesses where a shower head exists.

a. Format for Wall Specifications

Specifications for the Wall Covering Contractor

1. Work Included

The contractor shall furnish all labor and materials required to complete the wall covering work as specified.

2. Work Excluded

- a. Plaster patching and repairs. (Include only when it is desired to have the work done by another contractor.)
- b. A temperature of at least 70°F shall be maintained in the area receiving the installation, including materials being installed therein, for 24 hours prior to, during, and for 24 hours after the installation is complete.

b. Materials

3. Wall Covering

a. Inlaid Linoleum shall be:

1. Inlaid Linoleum (Burlap or Felt Backed) as manufactured by Congoleum-Nairn Inc., or
2. same as Format for floor covering specifications 3a-2.

b. Vinyl Plastic shall be:

1. Vinyl Plastic as manufactured by Congoleum-Nairn Inc., or
2. same as Format for Floor Covering Specifications 3b-2 on page 99.

c. Vinyl Plastic Tiles shall be:

1. Vinyl Plastic tiles as manufactured by Congoleum-Nairn or,
2. same as Format for Floor Covering Specifications 3b-2 on page 99.

4. Adhesives

- a. See chart (Page 95) indicating all type of adhesives which correlate with proper Congoleum-Nairn products.

5. Samples

- a. Labeled samples must be approved by the architect.

6. Installation

- a. Install Congoleum-Nairn Inlaid Linoleum (Burlap or Felt Backed), Vinyl Plastic (sheet style), Vinyl tile, in accordance with manufacturer's installation specifications over (state whether plaster, plasterboard or other) which the contractor shall inspect before starting the work. Notify the architect in writing of any defects in the wall surface. Do not proceed until such defects have been corrected.

7. Preparation of Surfaces

- a. New plaster should be steel troweled to a true plane and thoroughly dry.
- b. Remove existing wall covering, paint, etc., from walls.
- c. Size dusty or porous plaster and cardboard face of plasterboard with a thinned shellac.

BRIEF SPECIFICATIONS FOR WALLS—Cont'd

8. Ceiling Moulding

A suitable trim moulding at the junction of the ceiling and wall shall be applied by others on the completion of wall covering installation.

9. Guarantee

The contractor shall guarantee that all work executed under this section of the specification will be free from defect in

materials or workmanship, provided that any such defect is brought to the attention of the contractor in writing within one year after completion of the work. Upon such notice, the contractor shall, at his own expense, make the necessary repairs or replacements of the defective work in question. The owners shall, however, be responsible for the removal and replacement of all fixtures and equipment which might interfere with the work to be done.

CARPENTRY AID SECTION

1. Wall Board

- a. Wall board shall be inch thick plasterboard of gypsum faced with smooth cardboard and shall have recessed edges for application of tape over joints.
- b. Wall board shall be installed in accordance with the manufacturer's recommended specifications.

c. Size entire wall with a thinned shellac.

- d. Wall board shall be clean. Loose, scaly paint, water soluble paint, or wallpaper shall be removed. Gloss painted or enamel painted walls shall be sanded with coarse sandpaper to provide a satisfactory bond. Walls shall be dry.

PLASTERING AID SECTION

1. General

Walls shall be brought to a smooth, even surface free of trowel marks or other defects.

2. New Plaster

- a. Where Congoleum-Nairn products may be installed on walls, they shall be smooth. Rough spots and trowel marks shall be sanded. Cracks and indentations shall be filled with a non-shrinking patching plaster compound and sanded to a smooth surface when dry. Wall boards shall be clean. Loose, scaly paint, water soluble paint or wallpaper shall be removed. Gloss painted or enamel painted walls shall be sanded with coarse sandpaper to provide a satisfactory bond.

Walls shall be dry. Congoleum-Nairn Plaster Moisture Testers are available by contacting your nearest Congoleum-Nairn office or Kearny.

- b. Walls shall be free of "hot" spots which might tend to "burn" adhesive or wall covering.

c. Finish all inside and outside corners plumb and square.

3. Old Plaster

- a. Patch all cracks and holes and sand to a smooth, level finish when dry and hard.
- b. If plaster is in too poor condition to repair, remove and replace with new plaster or approved wall board.

HOW TO CARE FOR CONGOLEUM-NAIRN FLOORS AND WALLS

FLOORS

Daily removal of dirt, dust and grit

The best preventive maintenance is a daily sweeping with a soft fibre or hair broom to remove surface dirt. This prevents dirt from being subsequently ground into the floor—make this a regular habit and the extra effort will pay big dividends in the form of lasting beauty and appearance of the floor. Do not use oil-based sweeping compounds as they tend to leave a film which will repel wax or may even have a damaging effect on some types of flooring.

Light cleaning—weekly basis

If the floor is swept daily, a light weekly washing will be effective—damp mopping with cool water may be all that is necessary (no detergent or cleaner). Heel marks or smudges may require extra attention. In this case light rubbing with fine steel wool (0 or 00) and detergent are effective—these spots should then receive a light application of wax. It is important to use a clean mop and to change the rinse water frequently.

Major cleaning and wax removal—

Depending on traffic and your standards of appearance, a major cleaning may be done on a monthly, quarterly or even at longer intervals. Use only liquid detergents—soaps tend to leave scum or metallic deposits particularly when used in hard water areas. Strength and type of detergent will depend on the type of flooring—as a general rule use mild, neutral detergents on linoleum and asphalt tile—stronger detergents may be used, if necessary, on vinyl sheet goods and tile or vinyl asbestos tile (follow manufacturer's directions explicitly). Avoid scouring cleansers as they leave deposits which are difficult to rinse off.

With vinyl flooring, it is recommended that you annually remove wax utilizing a scrubbing machine with fine steel wool pads. This annual removal of all wax will restore the floor covering's original luster and beauty.

Rinse procedure

Never flood a floor with rinse water as it may loosen the adhesive bond under the flooring. Remove wash water with a clean mop or sponge. Rinse with a minimum amount of clear, cool water—it is better to rinse twice with a minimum amount of water than to flood the floor once. Allow the floor to dry thoroughly before applying finish (30-60 minutes or longer depending on the weather conditions).

Application of the finish

The amount of the finish which is applied is highly important. A thick, gummy application is almost as harmful as no application of wax at

all. Apply a thin coat of wax. This allows moisture to evaporate, drying to a hard film. An excessive application hardens on the top, but remains tacky underneath; such a condition is conducive to catching and holding dirt, thus affording little protection to the floor and resulting in poor appearance over a short period of time.

The wax should be applied with a clean string mop or lambswool applicator. Long straight strokes in one direction gives the best results. Allow to dry for 20-30 minutes, longer on humid days before applying the second coat.

At this point, the floor is completely prepared for service. The question of when to reclean and re wax will depend on the individual traffic patterns and the desired appearance levels. Rewaxing should be done before the old coat has completely worn off and should only be applied to traffic areas. As a general rule, no more than 5 coats should be applied before stripping the finish.

Types of finishes

Use only self-polishing water based emulsion waxes (Congoleum-Nairn Self Polishing Wax) which are removable—choice will depend on desired gloss level—self-polishing waxes give a soft glow rather than a high shine. The soft glow diminishes the “show-through” of uneven floorboards, indentations, etc.

Important

Women's steel reinforced heels (stiletto), broken casters and small metal slides (domes of silence) indent floor coverings and may mar them permanently. Equip all furniture with large surface casters, glides or furniture cups (plastic casters are preferred, some rubber casters may permanently stain your floor covering). Rest heavy appliances or cabinets on a separate, extra pad of floor covering cut to the size of the base.

WALLS

Most soiling is easily removed from Vinyl “Congowall,” Solid Vinyl Tile, Flor-Ever Vinyl Yard Goods, Linoleum Tile and Yard Goods with a damp cloth. When a complete washing is indicated, use cool water and Congoleum-Nairn Floor Cleaner. Rinse the wall covering thoroughly with clean cool water, and dry with a terry cloth or chamois. No waxing is required.

COUNTER TOPS

Keep Wondertop Vinyl clean with a damp cloth. Always use a pad under pots that are hotter than boiling water. Sink and counter tops may be waxed or not, as the owner prefers. However, an occasional waxing with a good paste wax will produce a lasting gloss.

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Air Engineers Inc.

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Congoleum-Nairn
FINE FLOORS

1963

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